

SERVICE MANUAL

RA-1 CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KP-41T25	RM-Y121	US	SCC-H53L-A	KP-46S17	RM-Y121	Canadian	SCC-H58J-A
KP-41T25	RM-Y121	Canadian	SCC-H58H-A	KP-53S17	RM-Y121	Canadian	SCC-H58K-A
KP-46S25	RM-Y118	US	SCC-H53J-A				
KP-53S25	RM-Y118	US	SCC-H53K-A				

Note :

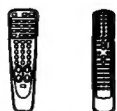
1. This service manual handles differences from KP-41T15/46S15/53S15(RA-1 Chassis) service manual only. Please use this service manual together with that of KP-41T15/46S15/53S15(RA-1 Chassis).

KP-41T15/46S15/53S15(RA-1 Chassis) service manual
Part No.

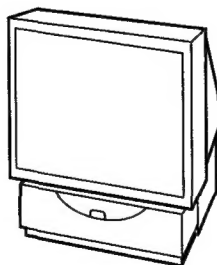
	Service manual	Adjustment Manual
Part No.	9-965-042-01	9-965-043-01

2. Adjustment Manual for this model is separately published.

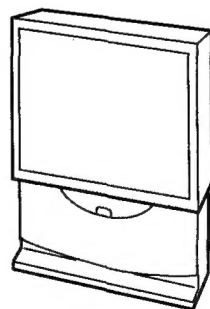
	Adjustment Manual
Part No.	9-965-101-11



RM-Y121 RM-Y118



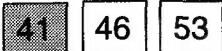
KP-41T25



KP-46S25/53S25



※ Please file according to model size. ■



TRINITRON® COLOR TV
SONY®

SPECIFICATIONS

Projection system	3 picture tubes, 3 lenses, horizontal in-line system										
Picture tube	7 inch high-brightness monochrome tubes (6.3 raster size), with optical coupling and liquid cooling system										
Projection lenses	High performance, large-diameter hybrid lens F1.0										
Screen size (measured diagonally)	<table> <tr><td>KP-41T25</td><td>41 inches</td></tr> <tr><td>KP-46S17</td><td>46 inches</td></tr> <tr><td>KP-53S17</td><td>53 inches</td></tr> <tr><td>KP-46S25</td><td>46 inches</td></tr> <tr><td>KP-53S25</td><td>53 inches</td></tr> </table>	KP-41T25	41 inches	KP-46S17	46 inches	KP-53S17	53 inches	KP-46S25	46 inches	KP-53S25	53 inches
KP-41T25	41 inches										
KP-46S17	46 inches										
KP-53S17	53 inches										
KP-46S25	46 inches										
KP-53S25	53 inches										
Screen brightness	<table> <tr><td>KP-41T25</td><td>1900 cd/m²</td></tr> <tr><td>KP-46S17</td><td>1500 cd/m²</td></tr> <tr><td>KP-53S17</td><td>1200 cd/m²</td></tr> <tr><td>KP-46S25</td><td>1500 cd/m²</td></tr> <tr><td>KP-53S25</td><td>1200 cd/m²</td></tr> </table>	KP-41T25	1900 cd/m ²	KP-46S17	1500 cd/m ²	KP-53S17	1200 cd/m ²	KP-46S25	1500 cd/m ²	KP-53S25	1200 cd/m ²
KP-41T25	1900 cd/m ²										
KP-46S17	1500 cd/m ²										
KP-53S17	1200 cd/m ²										
KP-46S25	1500 cd/m ²										
KP-53S25	1200 cd/m ²										
Television system	American TV standards										
Channel coverage	VHF : 2-13 / UHF : 14-69 / CATV : 1-125										
Antenna	75 ohm external antenna terminal for VHF/UHF										
Inputs/output	VIDEO IN 1 S VIDEO IN (4-pin mini DIN) : Y : 1 Vp-p, 75-ohms unbalanced, sync negative C : 0.286 Vp-p (Burst signal) 75 ohms VIDEO (phone jack) : 1 Vp-p, 75-ohms unbalanced, sync negative AUDIO (phone jacks) : 500 mVrms (100% modulation) Impedance : 47 kilohms VIDEO INPUT 2 and VIDEO IN 3 VIDEO (phone jacks) : 1 Vp-p, 75-ohms unbalanced, sync negative AUDIO (phone jacks) : 500 mVrms (100% modulation) Impedance : 47 kilohms MONITOR OUT VIDEO (phone jack) : 1 Vp-p, 75-ohms unbalanced, sync negative AUDIO (phone jacks) : 500 mVrms (100% modulation) Impedance : 10 kilohms AUDIO OUT (phono jacks) : 900 mVrms (100% modulation) Impedance : 5 kilohms										

Speaker	Full range speaker 100 mm (3.9 inches) diameter
Speaker output	10 W x 2
Power requirement	120 V, 60 Hz
Power consumption	220 W
	Standby mode : 4 W

	Dimensions (W/H/D)	Mass
KP-41T25	951 x 1,000 x 588 mm (37 1/2 x 39 3/8 x 23 1/4 inches)	53 kg (116 lbs 1 oz)
KP-46S17	1,066 x 1,306 x 543 mm (42 x 51 1/2 x 21 1/2 inches)	70 kg (154 lbs 5 oz)
KP-53S17	1,218 x 1,413 x 594 mm (48 x 55 3/4 x 23 1/2 inches)	75 kg (165 lbs 6 oz)
KP-46S25	1,066 x 1,306 x 543 mm (42 x 51 1/2 x 21 1/2 inches)	70 kg (154 lbs 5 oz)
KP-53S25	1,218 x 1,413 x 594 mm (48 x 55 3/4 x 23 1/2 inches)	75 kg (165 lbs 6 oz)
Supplied accessories	Remote commander RM-Y121 (1)(For KP-41T25,46S17/53S17) RM-Y118 (1)(For KP-46S25,53S25) Size AA (R6) battery (1)	
Optional accessories	U/V mixer EAC-66 Connecting cables RK-74A, VMC-810S/820S, YC-15V/30V, VMC-720M Video tray SU-PJT2 (For KP-46S17, KP-53S17,KP-46S25,KP-53S25) Stand SU-41T1 (For KP-41T25) High - contrast protective screen SCN-41X1 (For KP-41T25) SCN-46X1 (For KP-46S17,KP-46S25) SCN-53X1 (For KP-53S17,KP-53S25)	

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

(US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

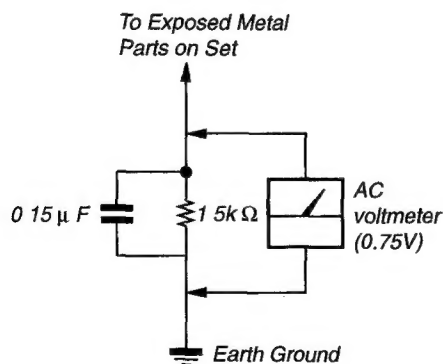


Fig. A. Using an AC voltmeter to check AC leakage.

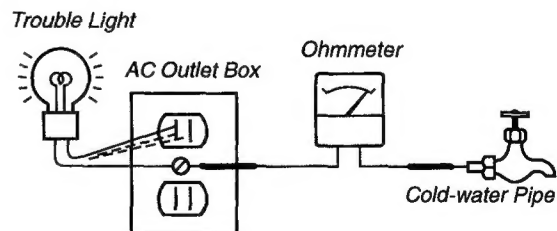


Fig. B. Checking for earth ground.

TABLE OF CONTENTS

Section	Title	Page	Section	Title	Page
2. DISASSEMBLY					
2-1-1	REAR PLATE REMOVAL (KP-41T25)	25	2-9-1.	BEZNET REMOVAL (KP-41T25).....	27
2-1-2.	REAR PLATE REMOVAL (KP-46S25/53S25)	25	2-9-2.	BEZNET REMOVAL (KP-46S25/53S25)	27
2-2.	CHASSIS ASSY REMOVAL	25	2-10-1	MIRROR COVER REMOVAL (KP-41T25).....	28
2-3.	SERVICE POSITION	25	2-10-2	MIRROR COVER REMOVAL (KP-46S25/53S25)	28
2-4	G BOARD REMOVAL	26	2-11.	HIGH-VOLTAGE CABLE INSTALLATION AND REMOVAL	28
2-5.	D BOARD REMOVAL	26	2-12.	PICTURE TUBE REMOVAL	28
2-6.	U BOARD REMOVAL	26			
2-7.	M BOARD REMOVAL	26	3. SAFETY RELATED ADJUSTMENTS		29
2-8-1.	HA BOARD REMOVAL (KP-41T25)	27			
2-8-2.	HA BOARD REMOVAL (KP-46S25/53S25)	27	4. DIAGRAMS		
			4-1.	Circuit Boards Location	35
			4-2	Printed Wiring Board and Schematic Diagrams	35
				• HA Board	36
				• A Board	41
				• D Board	44
				• U Board	51
				• M Board	54
				• P Board	61
				• E Board	66
				• G Board	73
				• ZB Board	78
				• ZG Board	76
				• ZR Board	77
				• CR Board	81
				• CG Board	82
				• CB Board	83
			4-3	Semiconductions	85
			5. EXPLODED VIEWS		
			5-1.	SCREEN AND CONTROL BLOCK	87
			5-2	MIRROR COVER AND POWER BLOCK	88
			5-3.	DC AND E BLOCK	89
			5-4.	SHIELD AND MIRROR HOLDER BLOCK	90
			6. ELECTRICAL PARTS LIST		91

(CAUTION)

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

(ATTENTION)

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

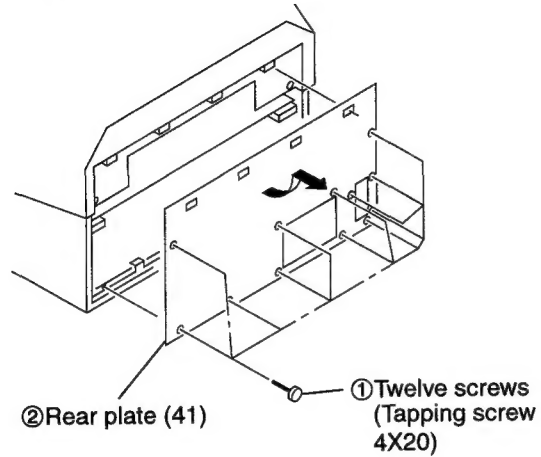
AFIN D'EVITER TOUT RISQUE DELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DEPANNAGE. LE CHÂSSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

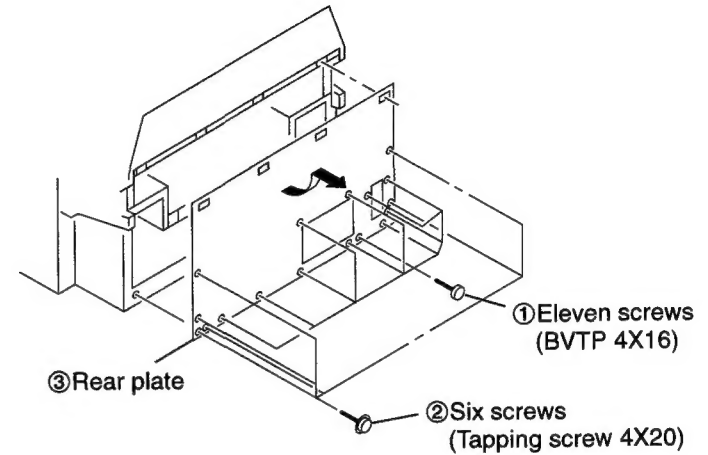
LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MAPQUE Δ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLODÉES ET LES LISTES DE PIÉCES CONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 2 DISASSEMBLY

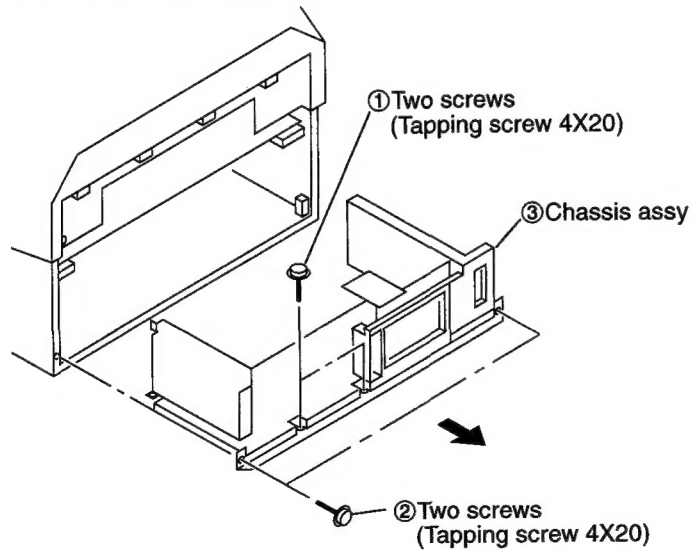
2-1-1. REAR PLATE REMOVAL (KP-41T25)



2-1-2. REAR PLATE REMOVAL (KP-46S25/53S25)

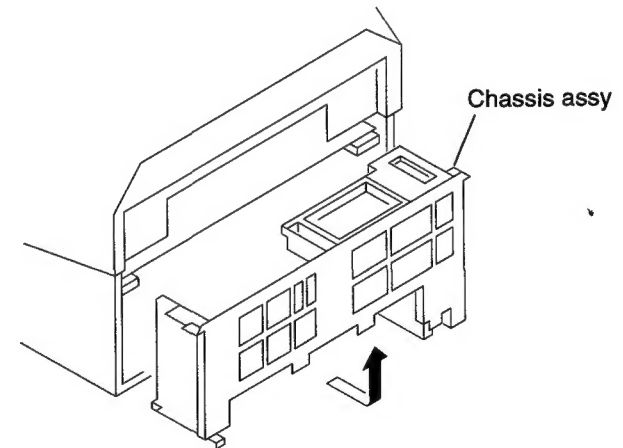


2-2. CHASSIS ASSY REMOVAL

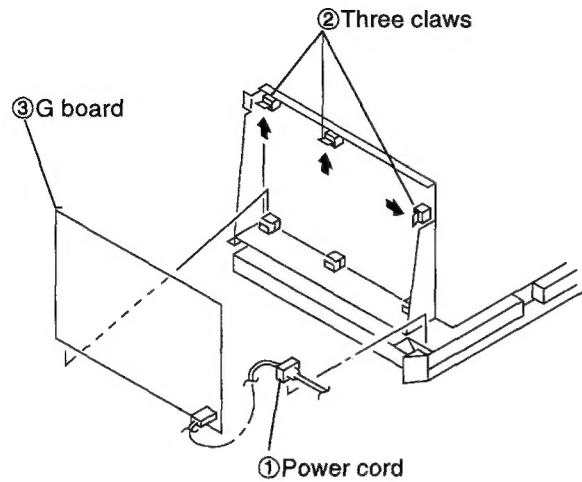


2-3. SERVICE POSITION

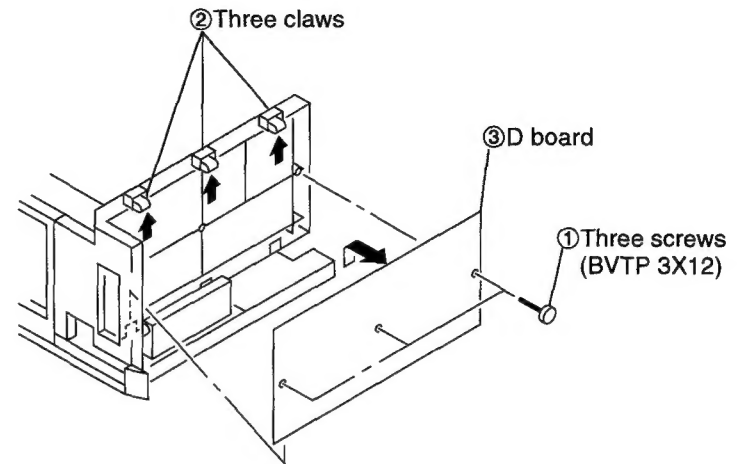
· Remove the chassis assy (Refer to 2-2.)



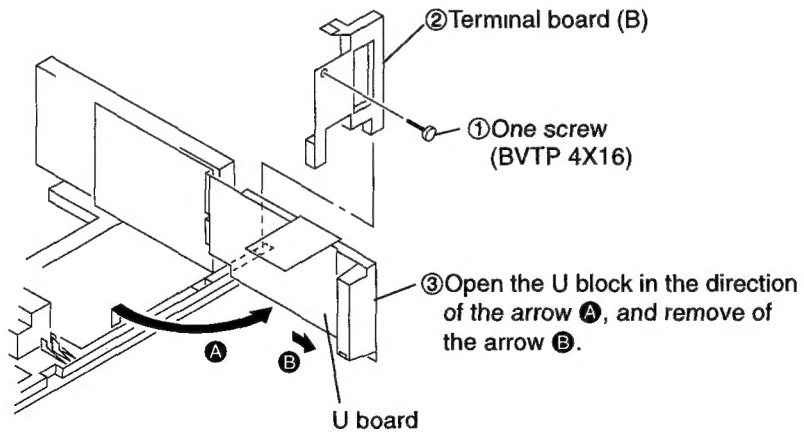
2-4. G BOARD REMOVAL



2-5. D BOARD REMOVAL

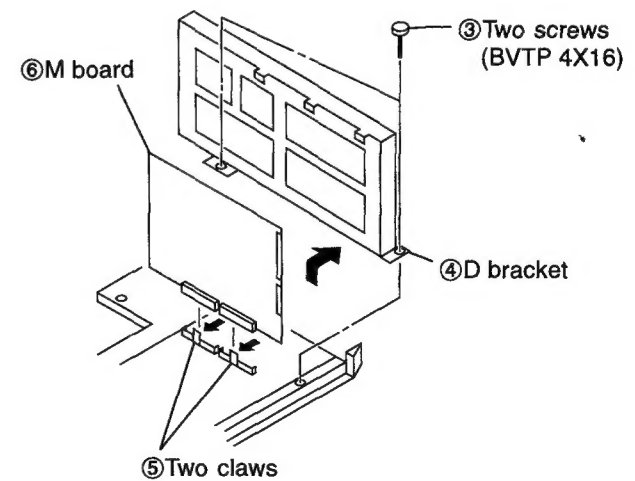


2-6. U BOARD REMOVAL

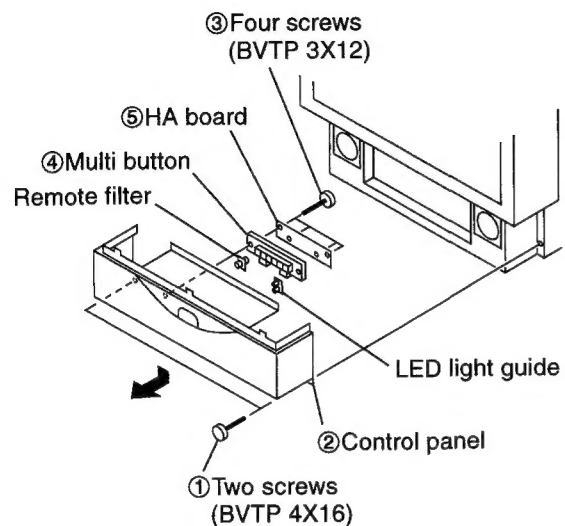


2-7. M BOARD REMOVAL

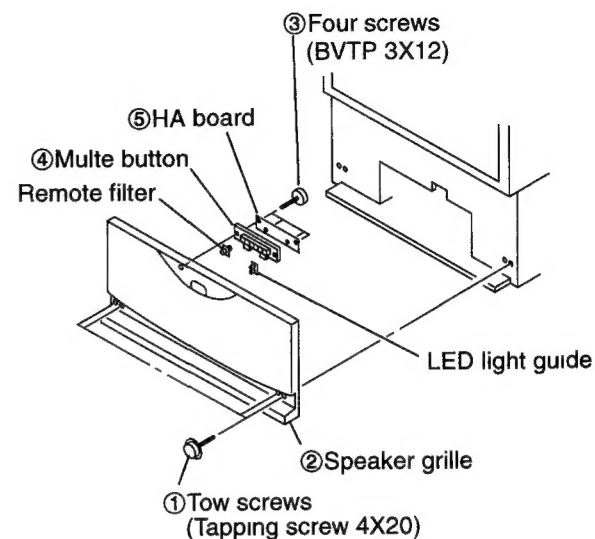
- ① Remove the D board. (Refer to 2-5.)
- ② Remove the U board. (Refer to 2-6.)



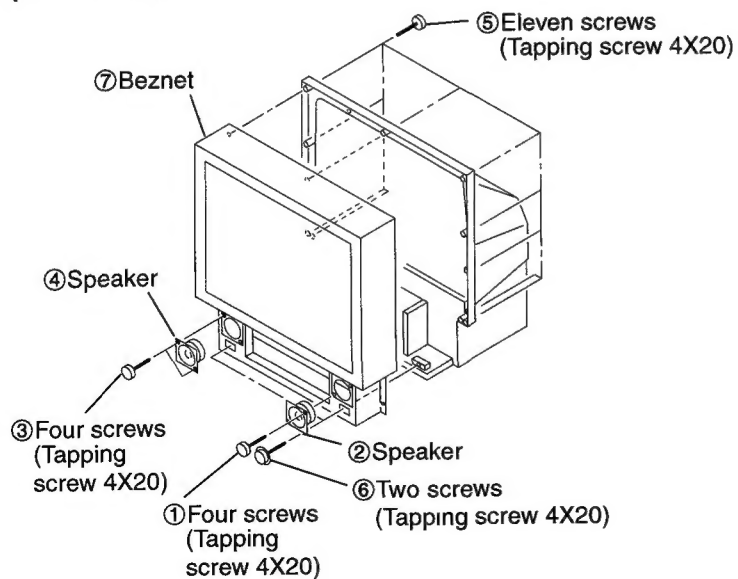
2-8-1. HA BOARD REMOVAL (KP-41T25)



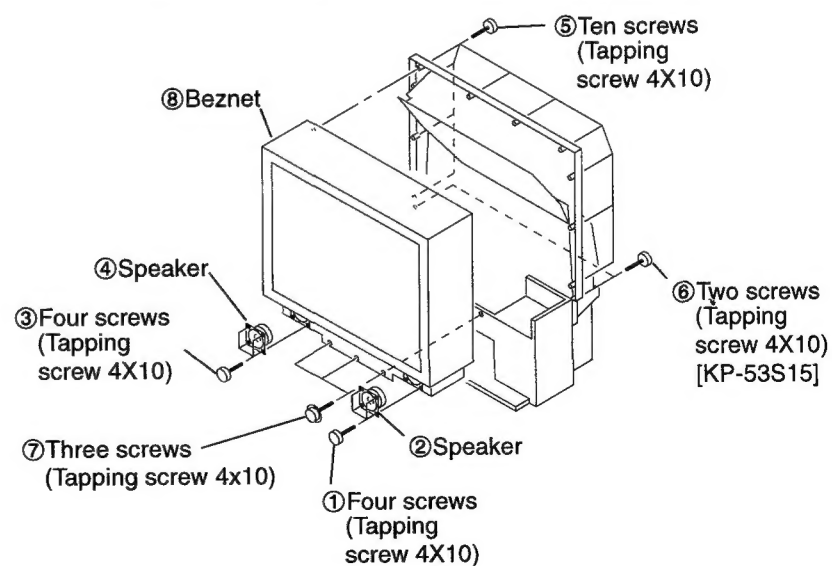
2-8-2. HA BOARD REMOVAL (KP-46S25/53S25)



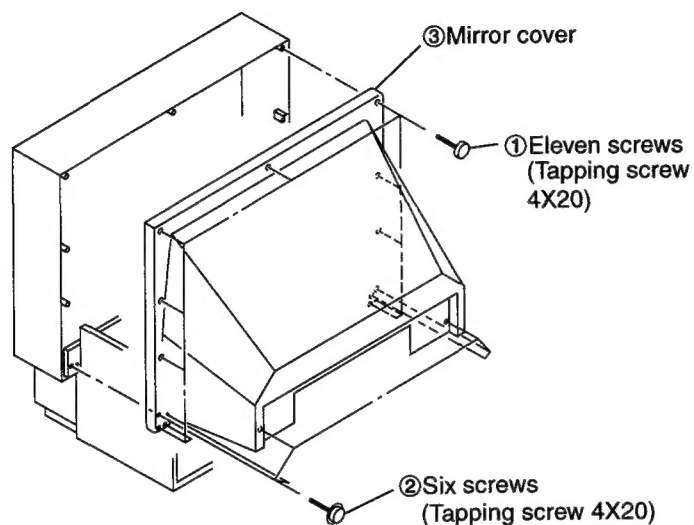
2-9-1. BEZNET REMOVAL (KP-41T25)



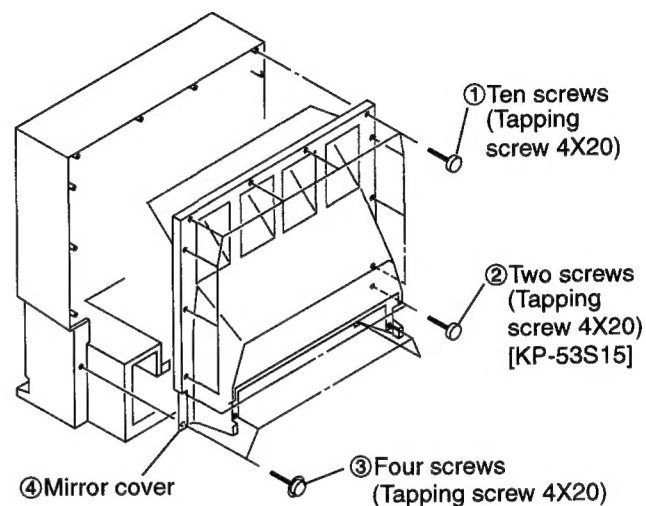
2-9-2. BEZNET REMOVAL (KP-46S25/53S25)



2-10-1. MIRROR COVER REMOVAL (KP-41T25)

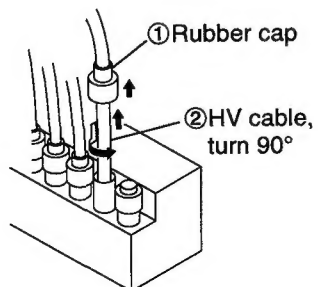


2-10-2. MIRROR COVER REMOVAL (KP-46S25/53S25)

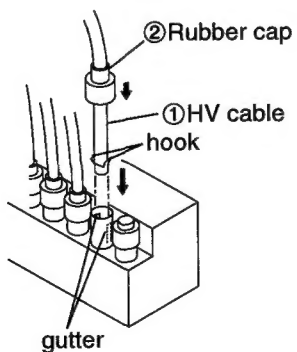


2-11. HIGH-VOLTAGE CABLE INSTALLATION AND REMOVAL

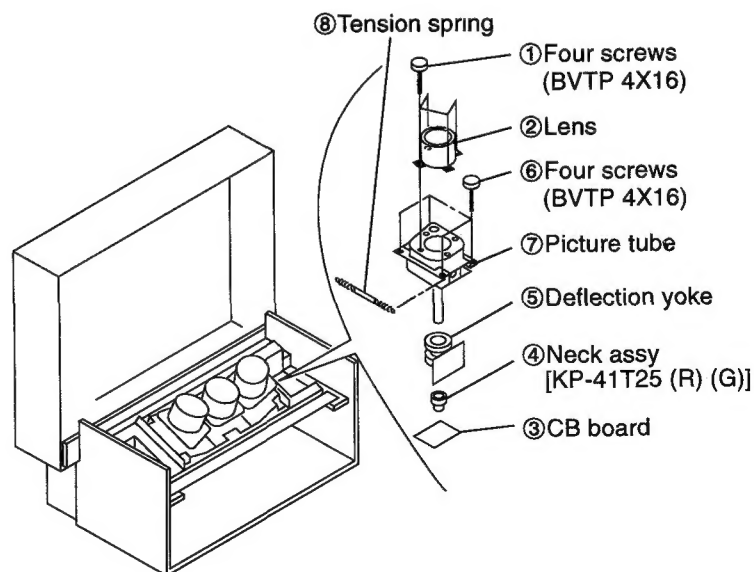
(1) Remover



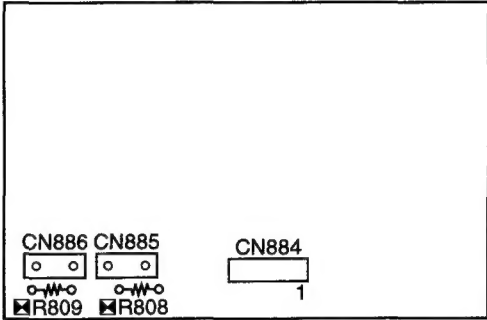
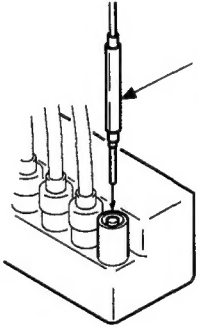
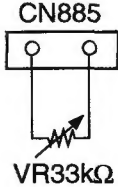
(2) Installation



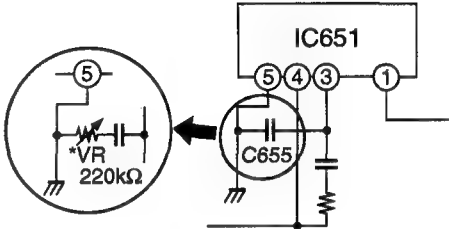
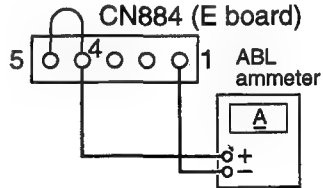
2-12. PICTURE TUBE REMOVAL

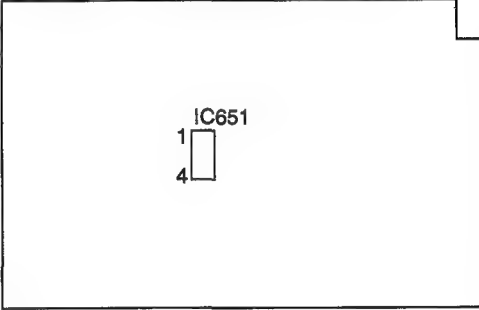


- 29 -

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> HV HOLD DOWN CIRCUIT OPERATIONS CHECK AND ADJUSTMENT (*<input checked="" type="checkbox"/> RESISTOR) </div> <p>When replacing the parts marked *<input checked="" type="checkbox"/> on the right, check the HV hold down and adjust.</p> <p>1. Remove the cap for the unconnected pin in the *high-voltage block and connect a *Static Voltmeter meter.</p> <p>2. Input 130 VAC power.</p> <p>3. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums.</p> <p>4. Connect a *33 kΩ variable resistor across the E board *CN885 connector (with the variable resistor set to its maximum).</p>	<p>* Static Voltmeter</p> <p>* Dot pattern</p>	<p>*<input checked="" type="checkbox"/> marked parts C818, D804, D806, D809, D909, D912, Q915, R809, R855, R856, R857, R858, R954, R955, R983, R984, R988, R991, R995, R996, R998, T801, T803 FBT E board HV Block</p> <p>* HV Block</p>	<p>*<input checked="" type="checkbox"/> R809, R988</p> <p>* PICTURE minimum BRIGHTNESS minimum</p>	<p>E BOARD – COMPONENT SIDE –</p>  <p>*  Remove the cap off from the unused terminal and connect a static voltmeter there.</p> <p>*  E board VR33kΩ</p>

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<p>5. Gradually lower the value of the variable resistor and check that the hold down circuit operates at a Static Voltmeter reading of $*33.7 \pm 0.75$ kVDC and that the rasters disappear.</p> <p>6. If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of $*34.45$ VDC or higher, remove resistor $*R809$ and mount a $*16.0$ kΩ 1/4W RN at $*R988$. If hold-down can not be adjusted to specification using a 16.0 kΩ resistor, use a 13.0 kΩ resistor.</p> <p>If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of $*32.9$ VDC or lower, remove resistor $R809$ and mount $*6.2$ kΩ 1/4W RN at $*R988$.</p> <p>7. Check Item 5 again.</p> <div data-bbox="92 581 772 657" style="border: 1px solid black; padding: 5px;"> <p>HV REGULATION CIRCUIT CHECK AND ADJUSTMENT (*\square RESISTOR)</p> </div> <p>When replacing the parts marked $*\square$ on the right, check the HV regulation and adjust.</p> <p>1. Remove the cap for the unconnected pin in the $*high$-voltage block and connect a $*Static$ Voltmeter.</p> <p>2. Input 120 VAC power.</p> <p>3. Receive the $*Dot$ signal and set the $*PICTURE$ and BRIGHTNESS settings to their minimums.</p>	<p>$*Static$ Voltmeter</p> <p>$*Dot$ pattern</p>	<p>$*\square$ marked parts C918, C930, C934, C980, D902, D920, D925, Q909, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R960, R965, R967, R971, R975, R976, R982, R983, R985, R998 E Board HV Block $*HV$ Block</p>	<p>$*R988$</p> <p>$*R988$</p> <p>$*\square R808, R983$</p> <p>$*PICTURE$ minimum BRIGHTNESS minimum</p>	<p>$*33.7 \pm 0.75$ kVDC</p> <p>$*34.45$ VDC or higher</p> <p>$*16.0$ kΩ 1/4W</p> <p>$*32.95$ VDC or lower</p> <p>$*6.2$ kΩ 1/4W</p> <div data-bbox="1780 326 1990 532"> <p>$*CN886$ (E board)</p> </div> <p>E BOARD – COMPONENT SIDE –</p> <div data-bbox="1507 711 1990 1024"> </div>

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<div data-bbox="113 305 747 378" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> OVERVOLTAGE PROTECTION (OVP) OPERATIONS CHECK </div> <ol style="list-style-type: none"> 1. Connect a *220 kΩ variable resistance rheostat to the G board C655 (between Pins ③ and ⑤ of IC651). 2. Input *120.0 \pm 1.0 VAC, 60 Hz power. 3. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 4. Gradually lower the value of the connected variable resistance and check that when the +B line *voltage is *143.5 \pm 5.5 VDC, the overvoltage circuit operates and the rasters disappear. 5. Remove the variable resistor and check the +B line voltage. <div data-bbox="113 976 785 1016" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> BEAM CURRENT (ΣIk) PROTECTION CIRCUIT CHECK </div> <ol style="list-style-type: none"> 1. Connect the *ABL ammeter between *Pins ① and ④ of the CN884 on the E board. Have Pins ② and ③ open. 2. Input *120.0 \pm 1.0 VAC, 60 Hz power. 3. Receive a *monoscope signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 	<p>*Dot pattern</p> <p>*Digital Multimeter</p> <p>*Ammeter</p> <p>*Monoscope pattern</p>		<p>*PICTURE minimum BRIGHTNESS minimum</p> <p>*PICTURE minimum BRIGHTNESS minimum</p>	<p>* </p> <p>* 120.0 \pm 1.0 VAC, 60 Hz</p> <p>* 143.5 \pm 5.5 VDC</p> <p>* </p> <p>* 120.0 \pm 1.0 VAC, 60 Hz</p>

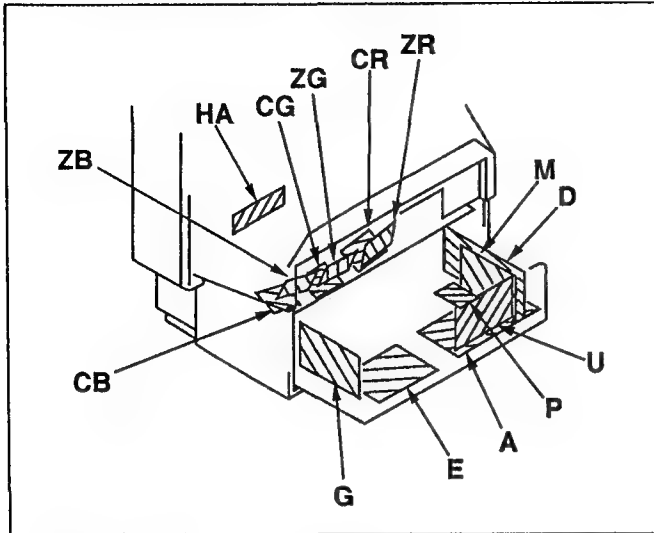
ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<p>4. Gradually raise the *PICTURE and BRIGHTNESS settings and check that below an *ABL current of 3.35 mA (including dark current), the beam current protection circuit operates and the rasters disappear.</p>			*PICTURE BRIGHTNESS	<p>*Less than 3.35 mA</p>
<div style="border: 1px solid black; padding: 2px; width: fit-content;">+B, +B MAX CHECK</div> <p>When replacing the G board IC651, check the following.</p>				<p>E BOARD – COMPONENT SIDE –</p> 
<p>1. Input *120.0 ± 1.0 V, 60 Hz power.</p> <p>2. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums.</p>	*Dot pattern		*PICTURE minimum BRIGHTNESS minimum	<p>*120.0 ± 1.0 V, 60 Hz</p>
<p>3. Check that the *+B line voltage is now *135.0 ± 2.0 VDC.</p> <p>4. Set the power supply to *130.0 ^{+2.0}₋₀ VAC.</p> <p>5. Check that the *+B line voltage is *137.0 VDC max.</p> <p>6. If either 3 or 5 is not satisfied, replace IC651 again.</p>		<p>*CN681 pin ①</p> <p>*CN681 pin ①</p>		<p>*135.0 ± 2.0 VDC</p> <p>*130.0 ^{+2.0}₋₀ VAC</p> <p>*Less than 137.0 VDC</p>

MEMO

A blank sheet of white paper with horizontal dotted lines for writing.

SECTION 4 DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION



4-2. PRINTED WIRING BOARD AND SCHEMATIC DIAGRAMS

Note :

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms.
 $\text{k}\Omega = 1000\Omega$, $\text{M}\Omega = 1000\text{k}\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm

Rating electrical power : $\frac{1}{4}\text{W}$

- : nonflammable resistor.
- : fusible resistor.
- Δ : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : earth-chassis.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.
(Refer to R808, R809, R983 and R988 adjustment on Page 29 - 33)
- When replacing the part in below table, be sure to perform the related adjustment.

Part replaced ()	Adjustment ()
HVBlock Q915, D804, D806, D809, D909, D912, C818, R809, R855, R856, R857, R858, R954, R955, R983, R984, R988, R991, R995, R996, R998, T801(FBT), T803 E BOARD	HV HOLD-DOWN (R809, R988)
HV Block, Q909, D902, D920, D925, C918, C930, C980, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R960, R965, R967, R971, R975, R976, R982, R983, R985, R998..... E BOARD	HV Regulator (R808, R983)

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RW	NONFLAMMABLE WIREWOUND
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	:	ADJUSTMENT RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- As to the voltage value shown by the semiconductors on the Schematic Diagram, see the another list.
- Readings are taken with a color-bar signal input.
- Readings are taken with a $10\text{M}\Omega$ digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- * : Measurement impossibility.
- Circled numbers are waveform references.
- : B + bus.
- : B - bus.
- : signal path.(RF)

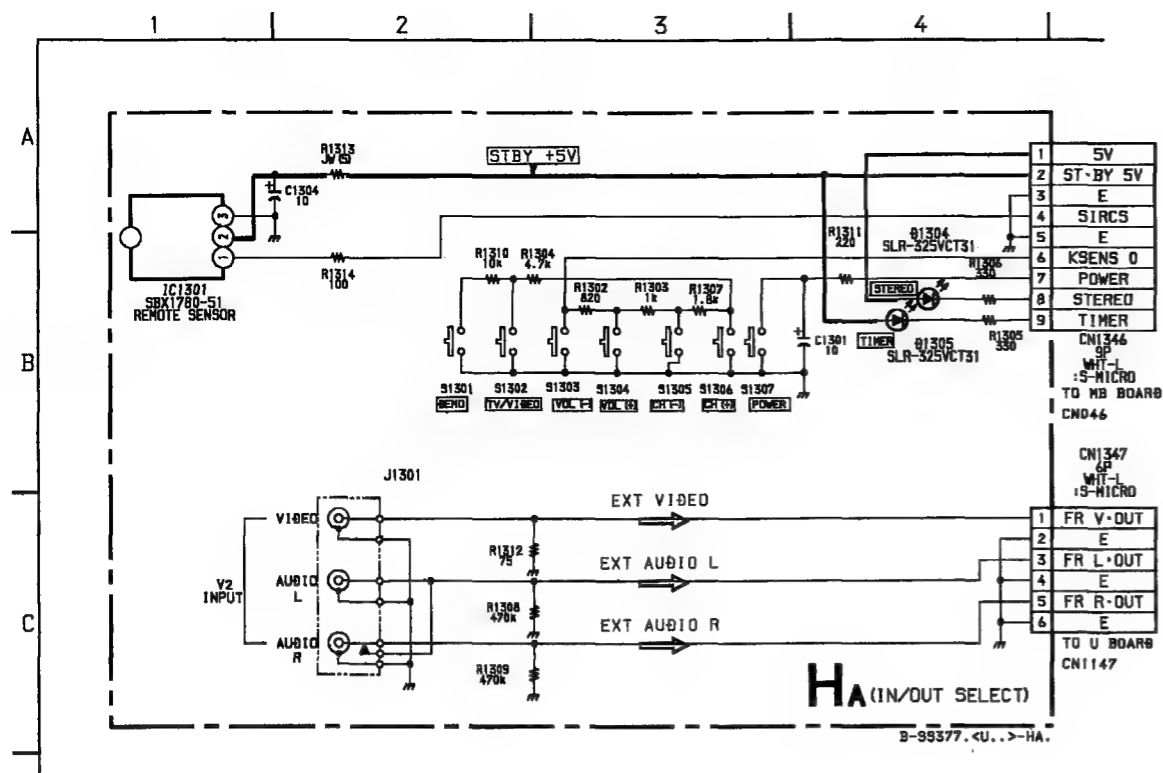
Note: The symbol display is on the component side.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

The symbol indicate fast operating fuse. Replace only with fuse of same rating as marked.

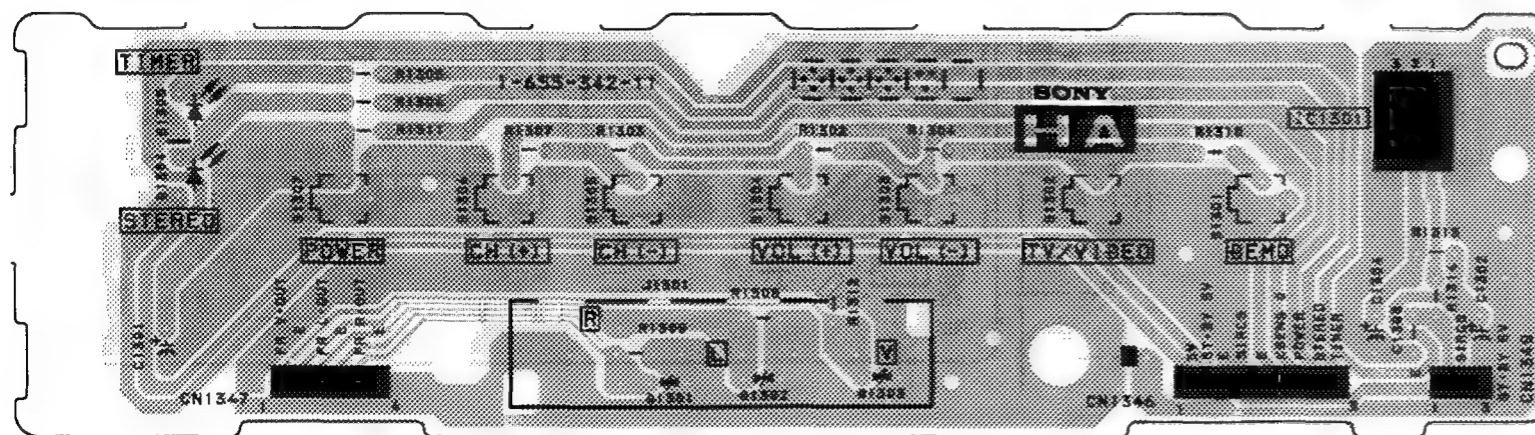
Note: Les composants identifiés par un tramé et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme marqué.



HA [IN/OUT SELECT]

- HA BOARD -

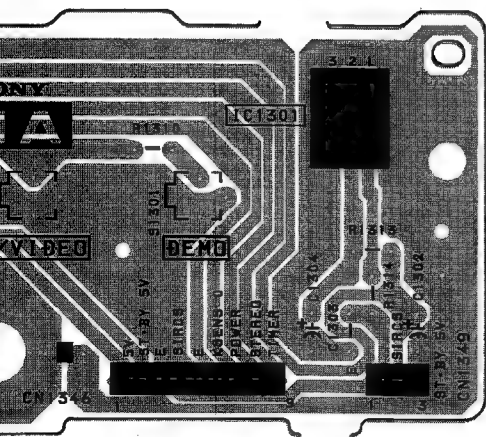


5V
BY 5V
E
IRCS
E
ENS 0
OWER
ERED
IMER

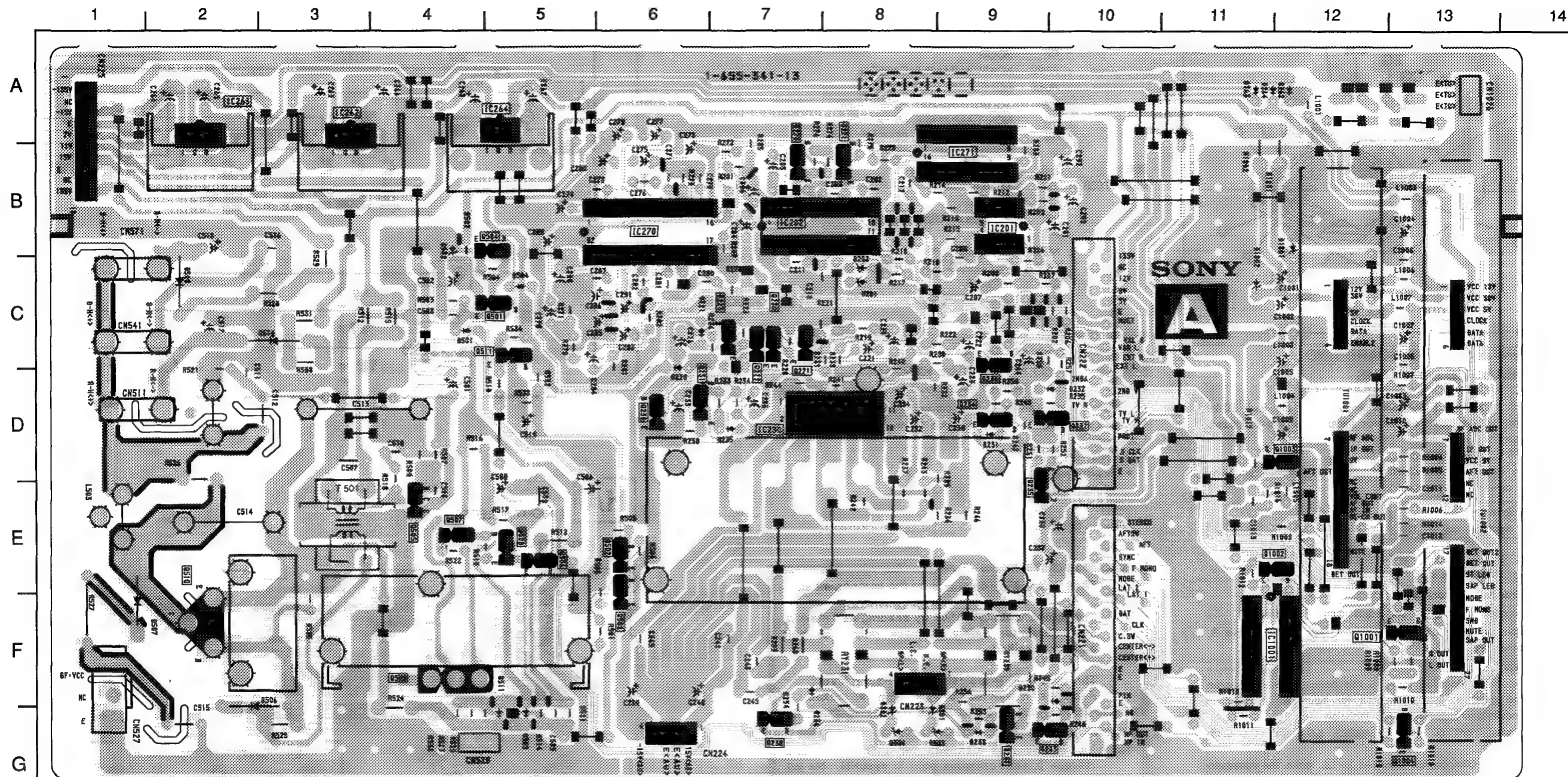
N1346
 6B
 HT-L
 MICRO
 MB BOARD
 46

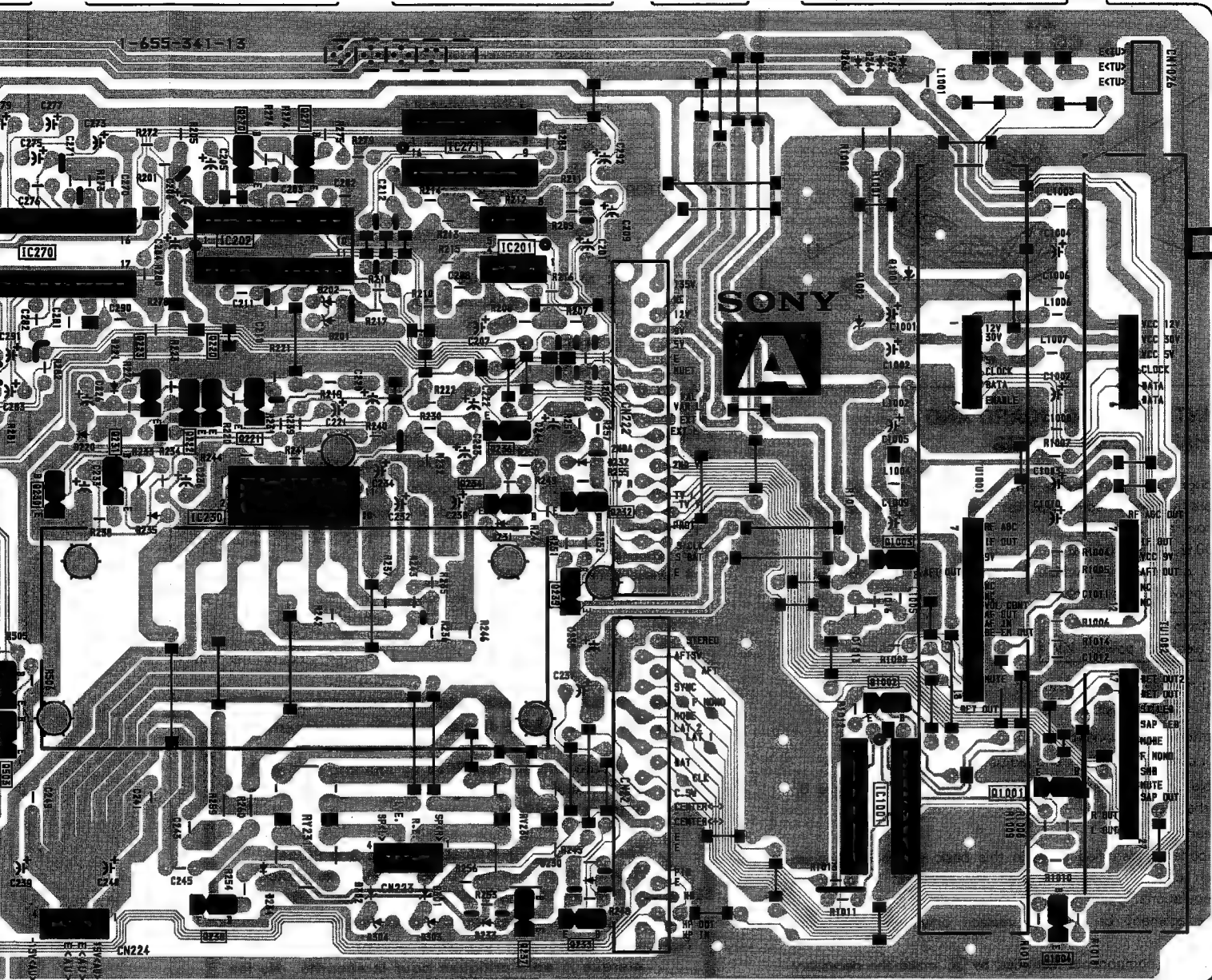
V-OUT
E
L-OUT
E
R-OUT
E

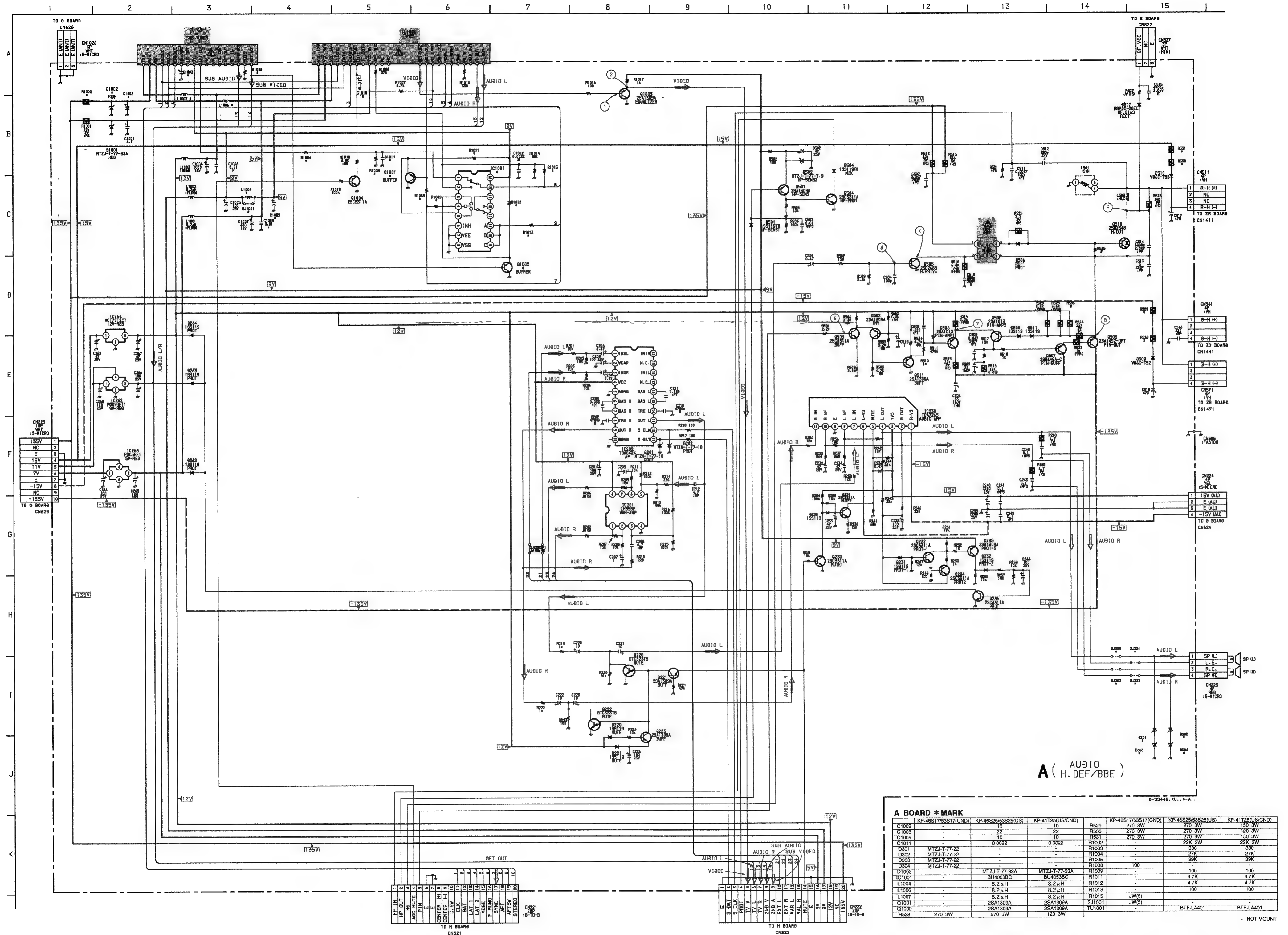
U BOARD
 147



Schematic diagrams



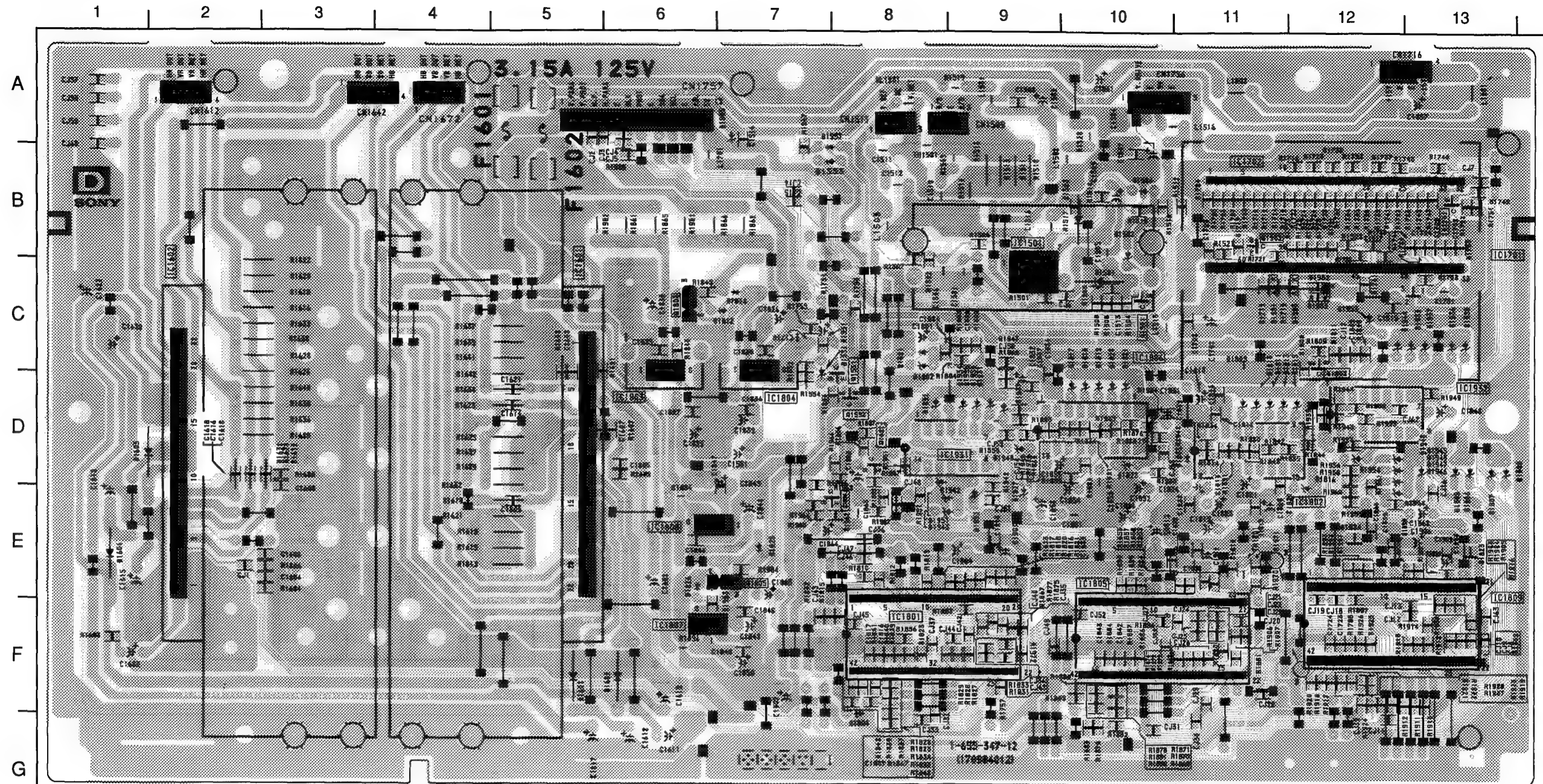


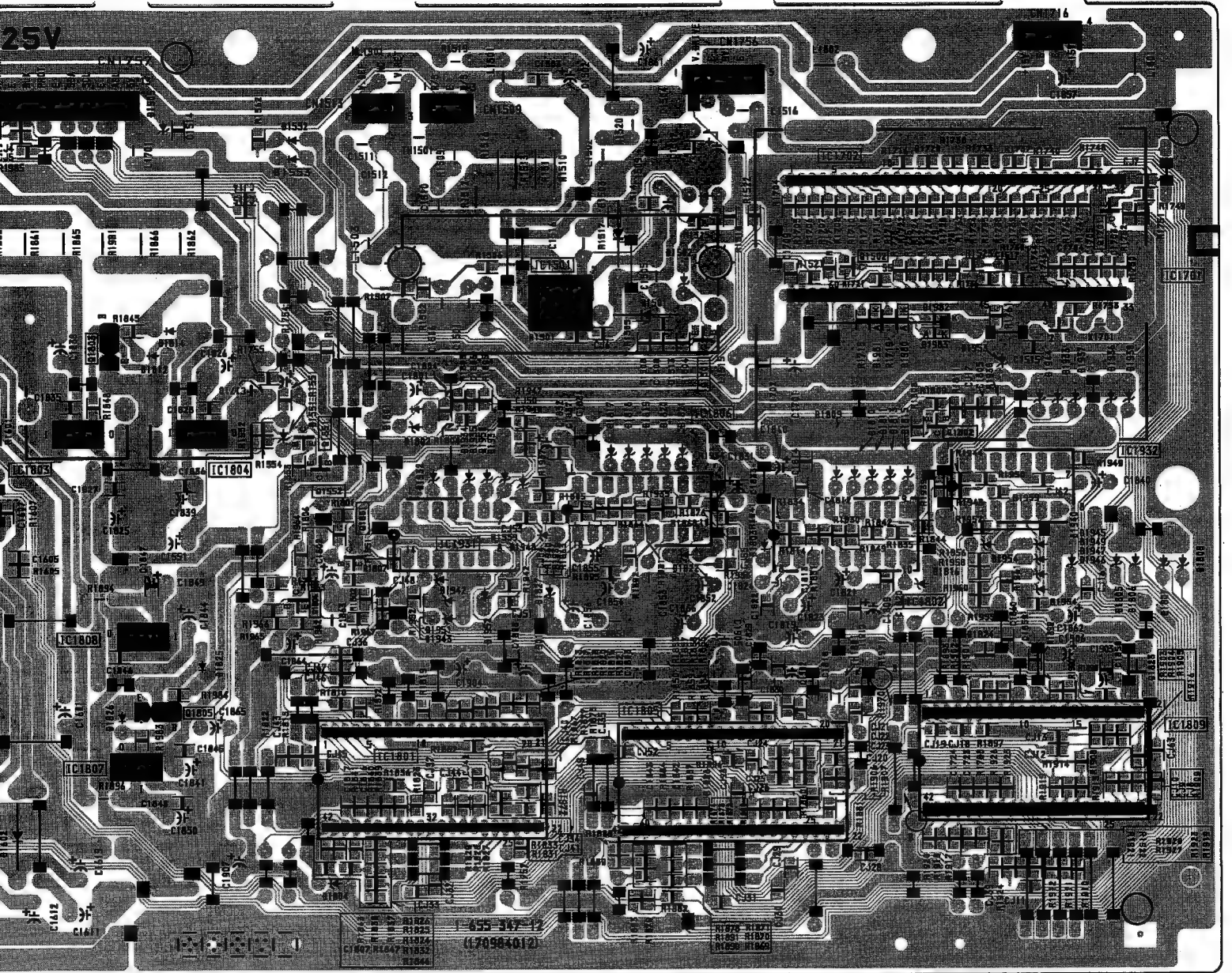




D RGB CONV, V OUT,
SUB DY DRIVE, H/V WAVE,
REGI CONTROL

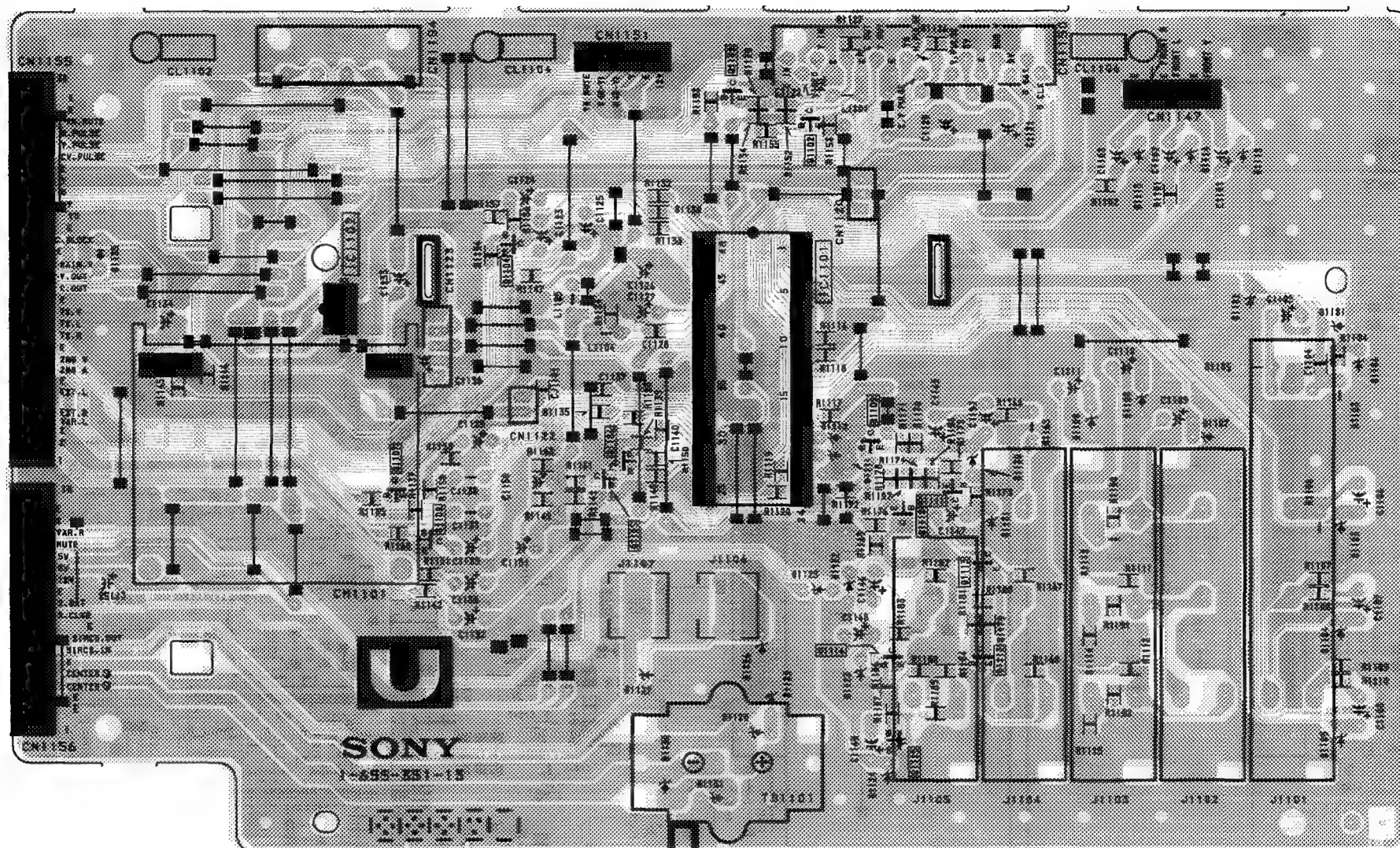
- D BOARD -



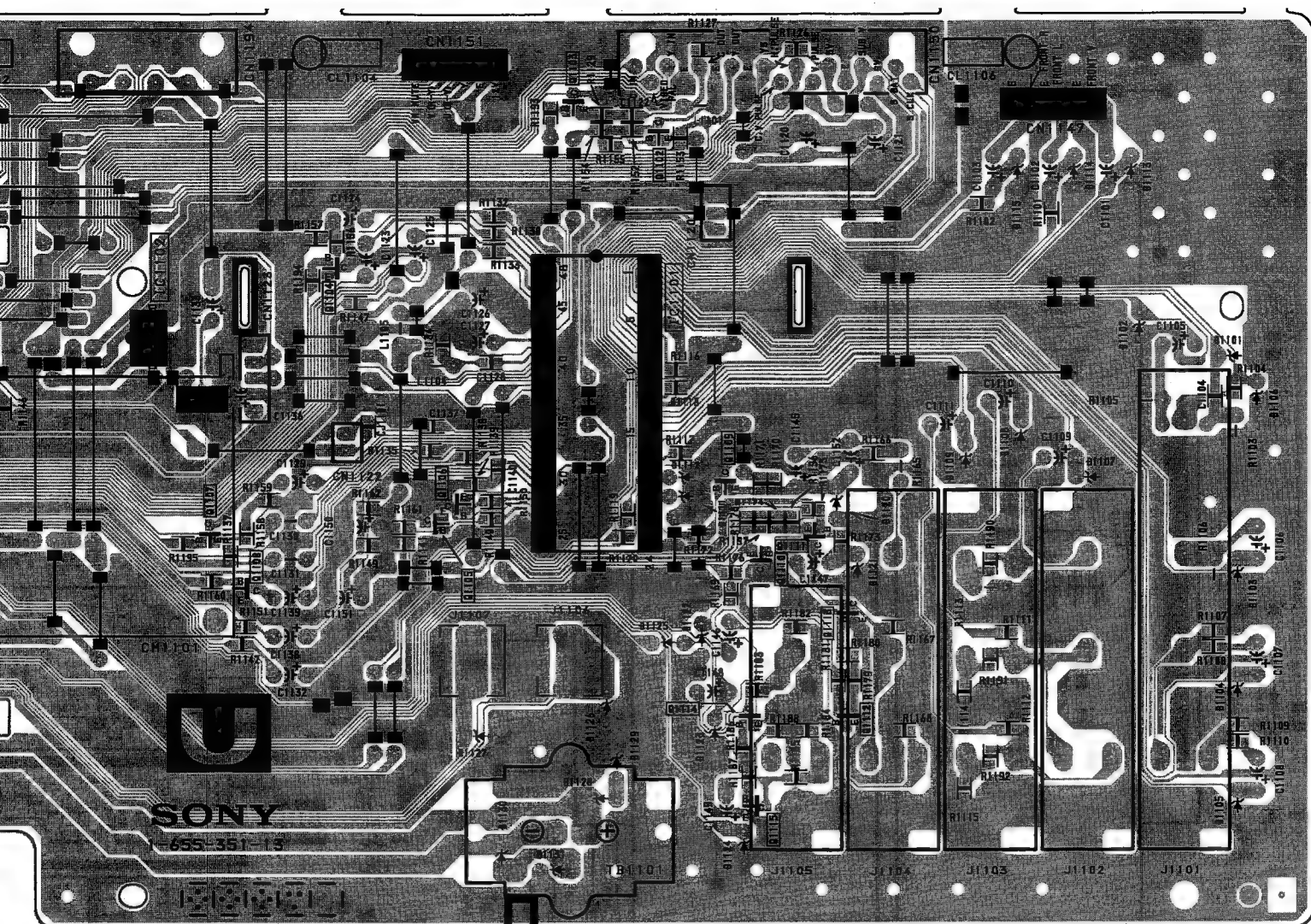


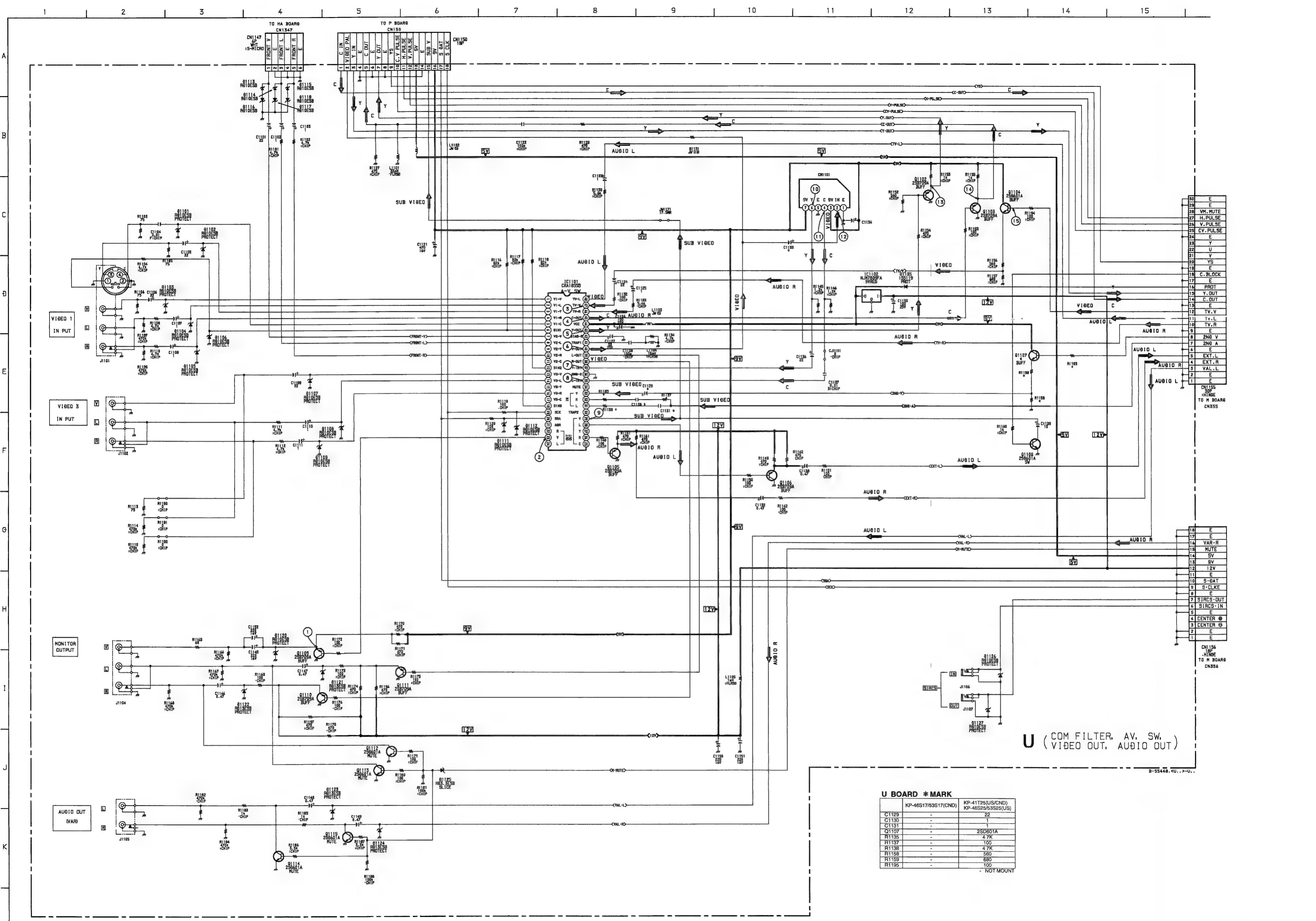
U COM FILTER, AV, SW,
VIDEO IN/OUT, AUDIO IN/OUT

— U BOARD —



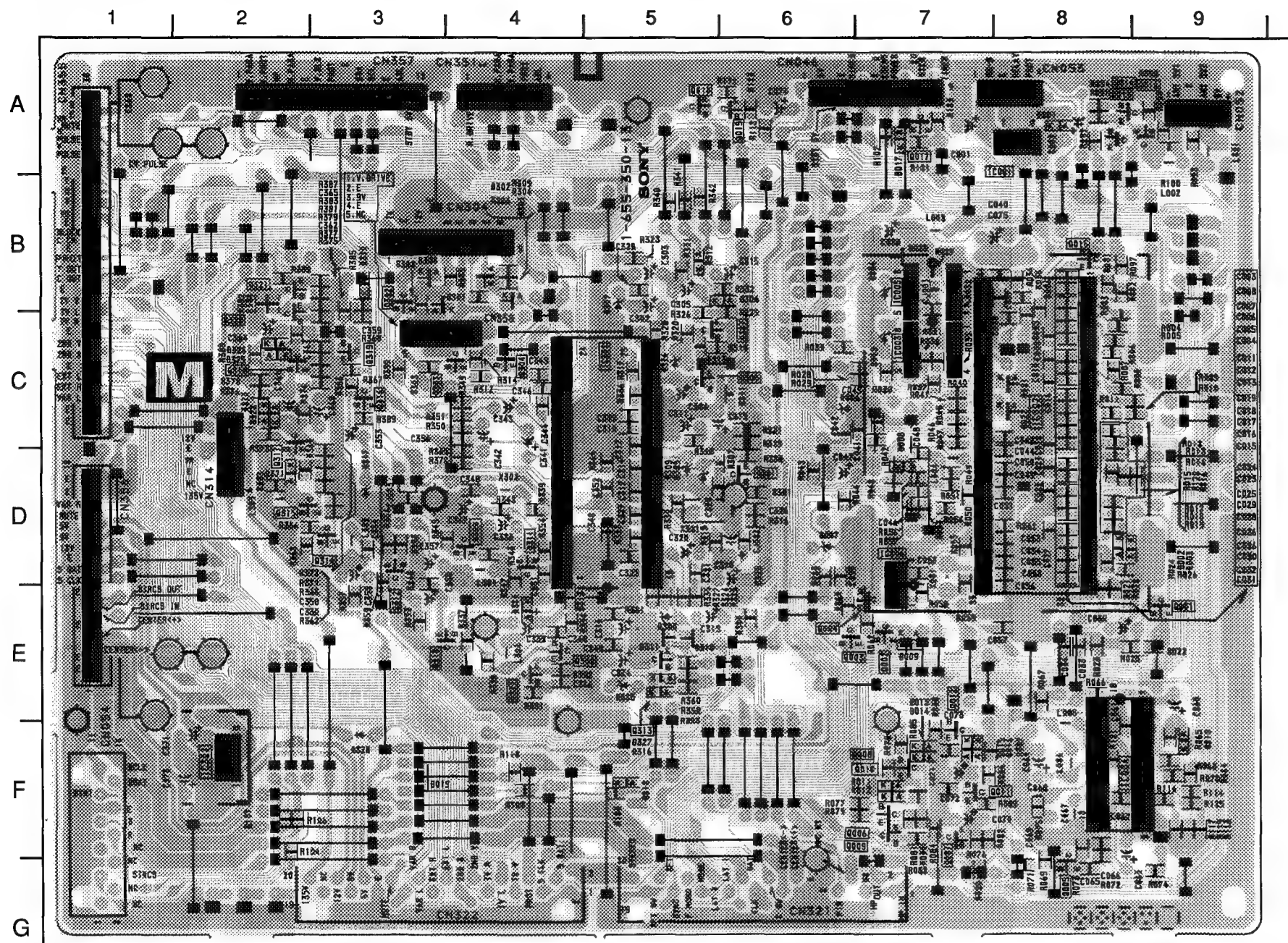
AV, SW,
AUDIO IN/OUT





U BOARD * MARK		
	KP-46S17/53S17(CND)	KP-41T25(US/CND) KP-46S25/53S25(US)
C1129	-	22
C1130	-	22
C1131	-	1
C1107	-	25D601A
R1135	-	4.7K
R1137	-	100
R1138	-	4.7K
R1158	-	560
R1159	-	680
R1155	-	100
	-	NOT MOUNT

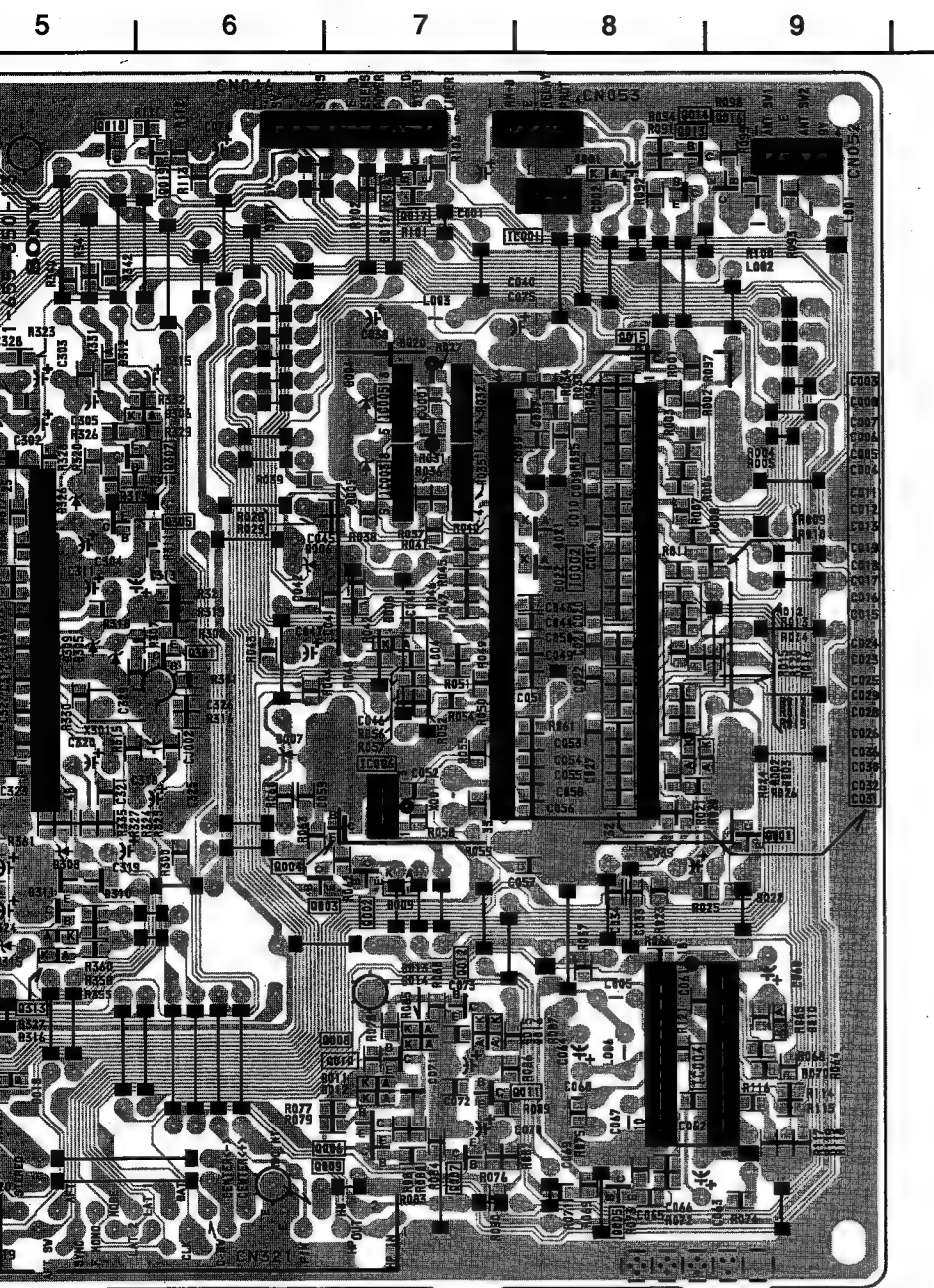




M BOARD * MARK

	KP-41T25(US/CND)	KP-46S17/53S17(CND)	KP-46S25/53S25		KP-41T25(US/CND)	KP-46S17/53S17(CND)	KP-46S25/53S25		KP-41T25(US/CND)	KP-46S17/53S17(CND)	KP-46S25/53S25
C350	10	-	-	Q312	2SD601A	-	-	R369	3.3K	-	-
C354	22P	-	-	Q314	2SD601A	-	-	R371	1.0K	-	-
C355	22	-	-	Q315	2SD601A	-	-	R372	1.2K	-	-
C357	47 25V	-	-	Q316	2SD601A	-	-	R373	270	-	-
C358	15P	-	-	Q317	2SB709A	-	-	R374	33K	-	-
C359	220P	-	-	Q318	2SD601A	-	-	R375	12K	-	-
C360	10	-	-	Q319	2SD601A	-	-	R376	68K	-	-
C361	10	-	-	Q320	2SD601A	-	-	R377	560	-	-
C362	22P	-	-	Q321	2SD601A	-	-	R378	2.7K	-	-
C363	0.001	-	-	R348	1.0K	-	-	R379	27K	-	-
C364	10	-	-	R352	2.2K	-	-	R380	100K	-	-
C365	22P	-	-	R353	6.8K	-	-	R381	8.2K	-	-
CN314	6P	-	-	R356	180	-	-	R382	33K	-	-
D320	MA110	-	-	R357	180	-	-	R383	560	-	-
D321	MA110	-	-	R359	330	-	-	R384	1.5K	-	-
D322	MA110	-	-	R362	270	-	-	R385	33K	-	-
D323	MA110	-	-	R363	1.0K	-	-	R386	1.0M	-	-
D324	MA110	-	-	R364	100	-	-	R387	1.0K	-	-
D325	MA110	-	-	R366	1.5K	-	-	R388	100	-	-
IC002	CXP85332A-046S	CXP85340A-06S	CXP85332A-046S	R367	2.2K	-	-	R389	220	-	-
Q310	2SD601A	-	-	R368	100	-	-	R393	1K	-	-

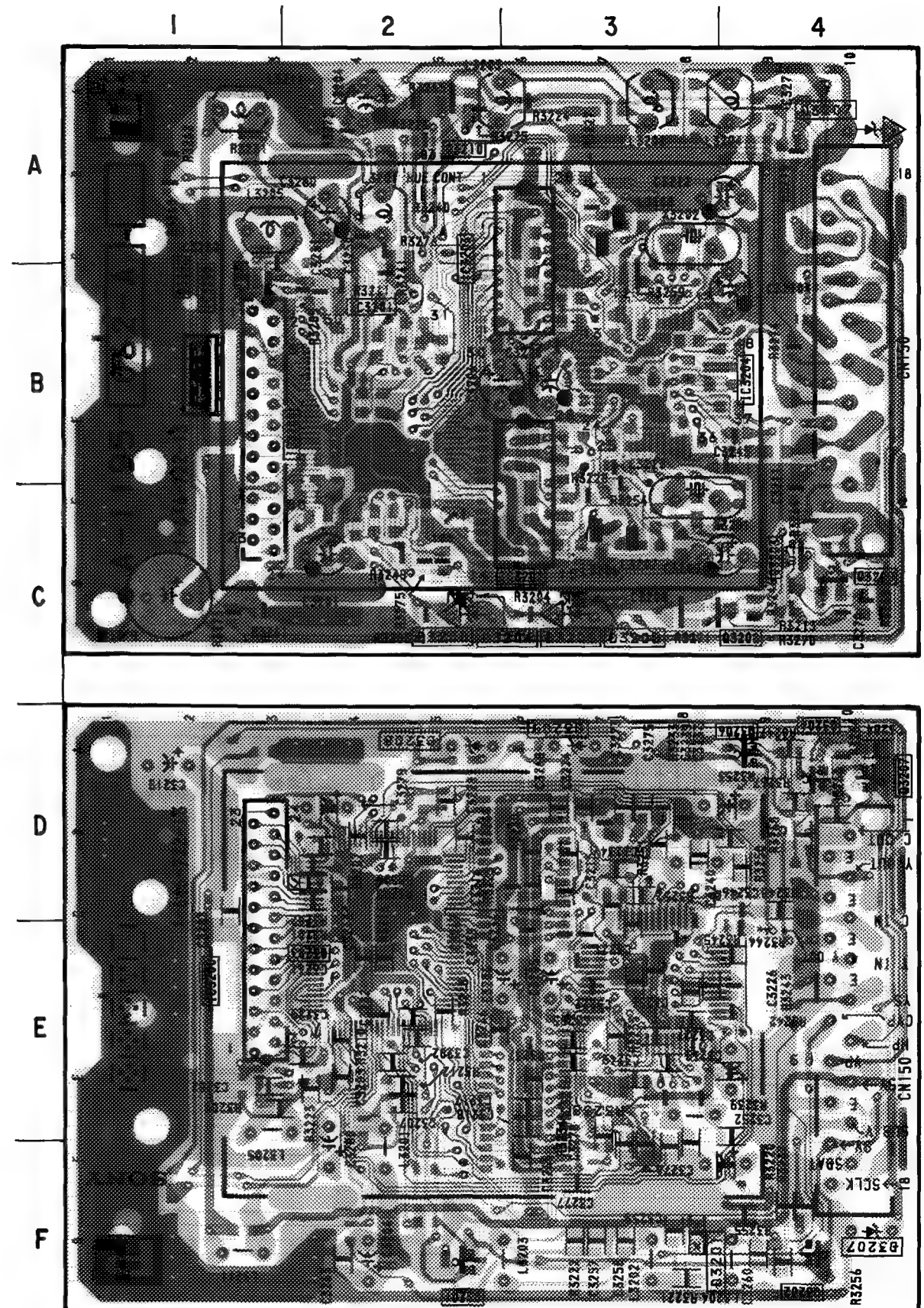
- NOT MOUNT





CND)	KP-46S17/53S17(CND)	KP-46S25/53S25	KP-41T25(US/CND)	KP-46S17/53S17(CND)	KP-46S25/53S25
			R369	3.3K	
			R371	1.0K	
			R372	1.2K	
			R373	270	
			R374	33K	
			R375	12K	
			R376	68K	
			R377	560	
			R378	2.7K	
			R379	27K	
			R380	100K	
			R381	8.2K	
			R382	33K	
			R383	560	
			R384	1.5K	
			R385	33K	
			R386	1.0M	
			R387	1.0K	
			R388	100	
			R389	220	
			R393	1K	

-- NOT MOUNT

- P BOARD -

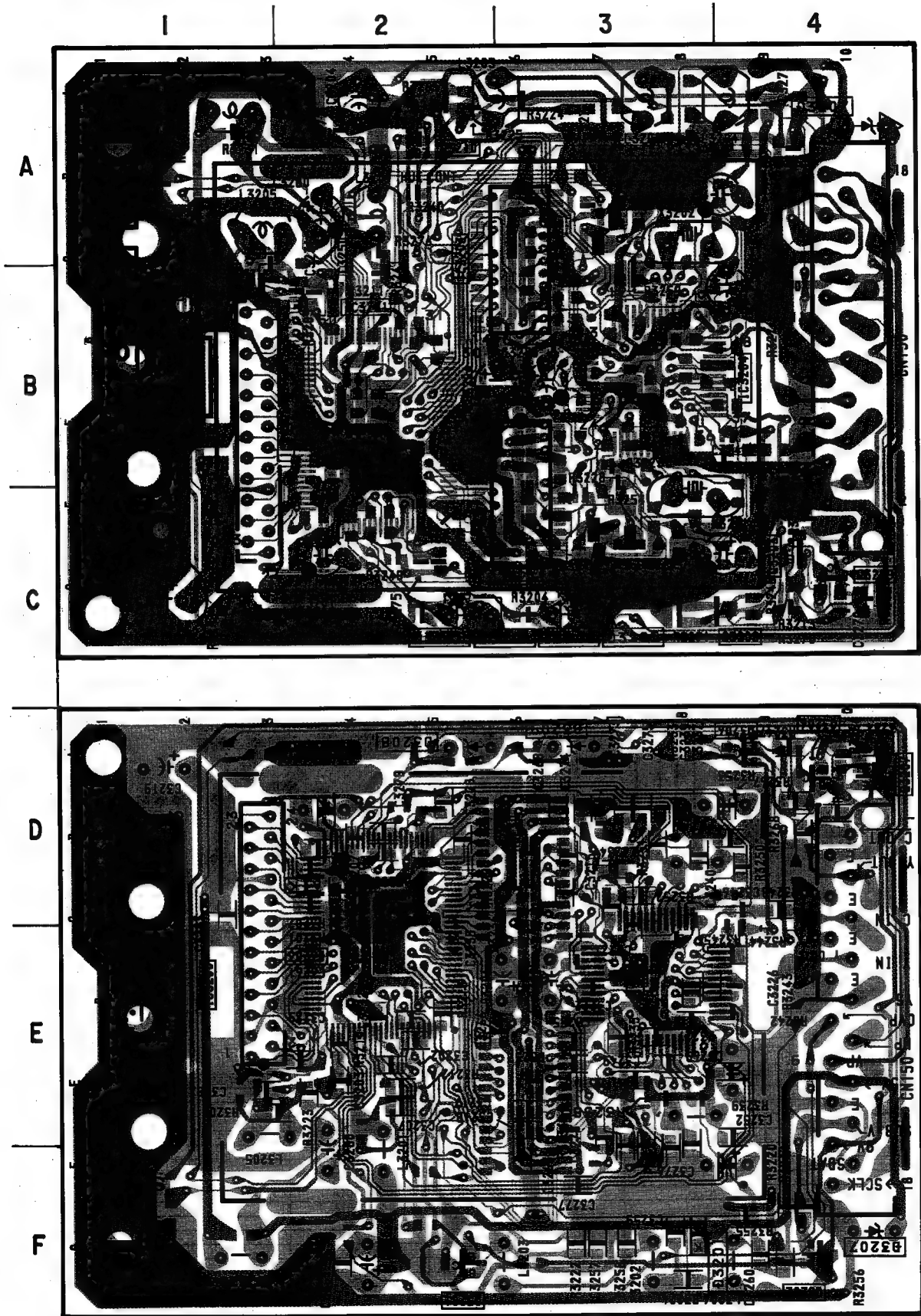


Note ·

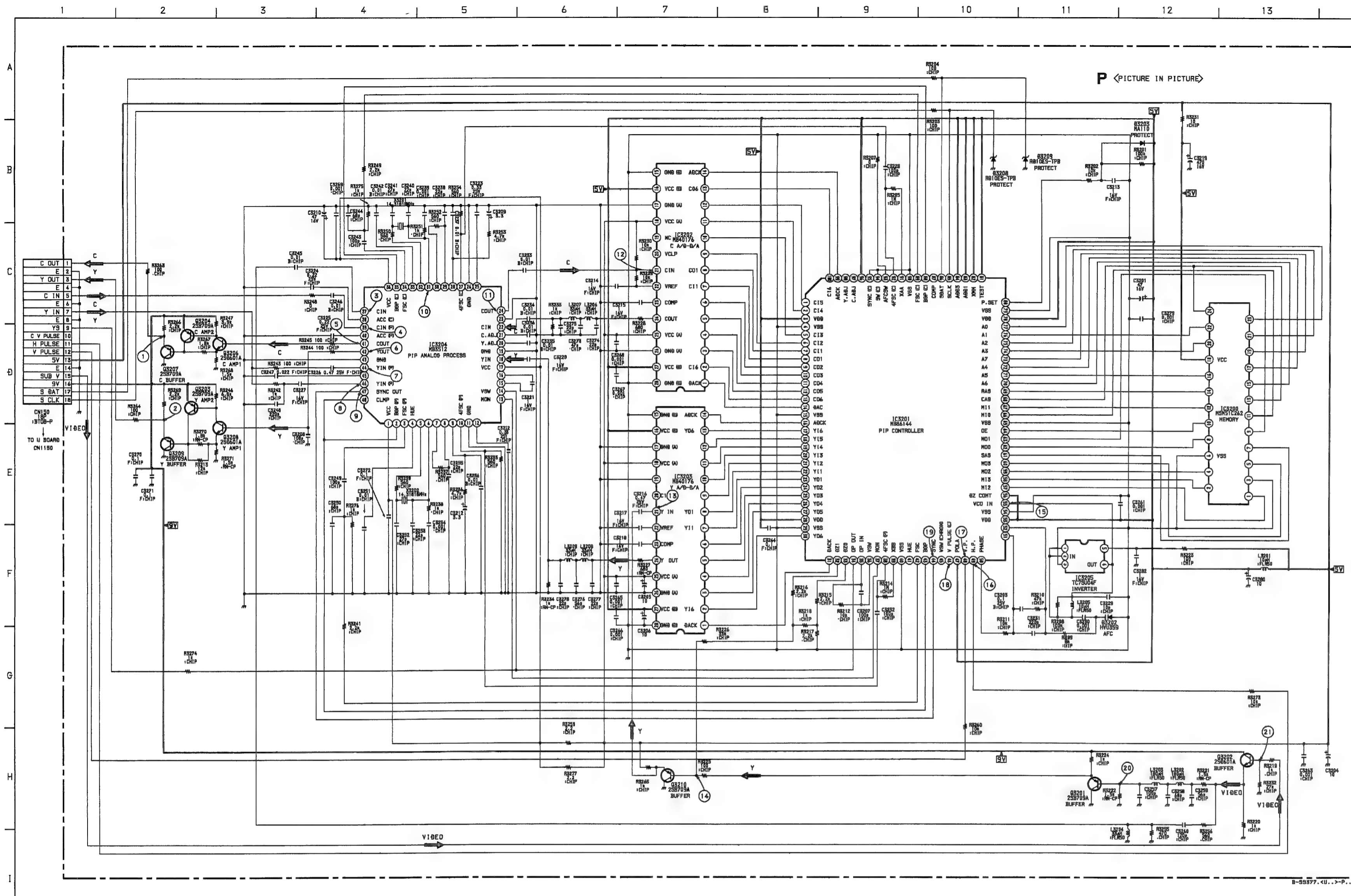
-  Pattern from the side which enables seeing.
-  Pattern of the rear side.

P [PICTURE IN PICTURE]

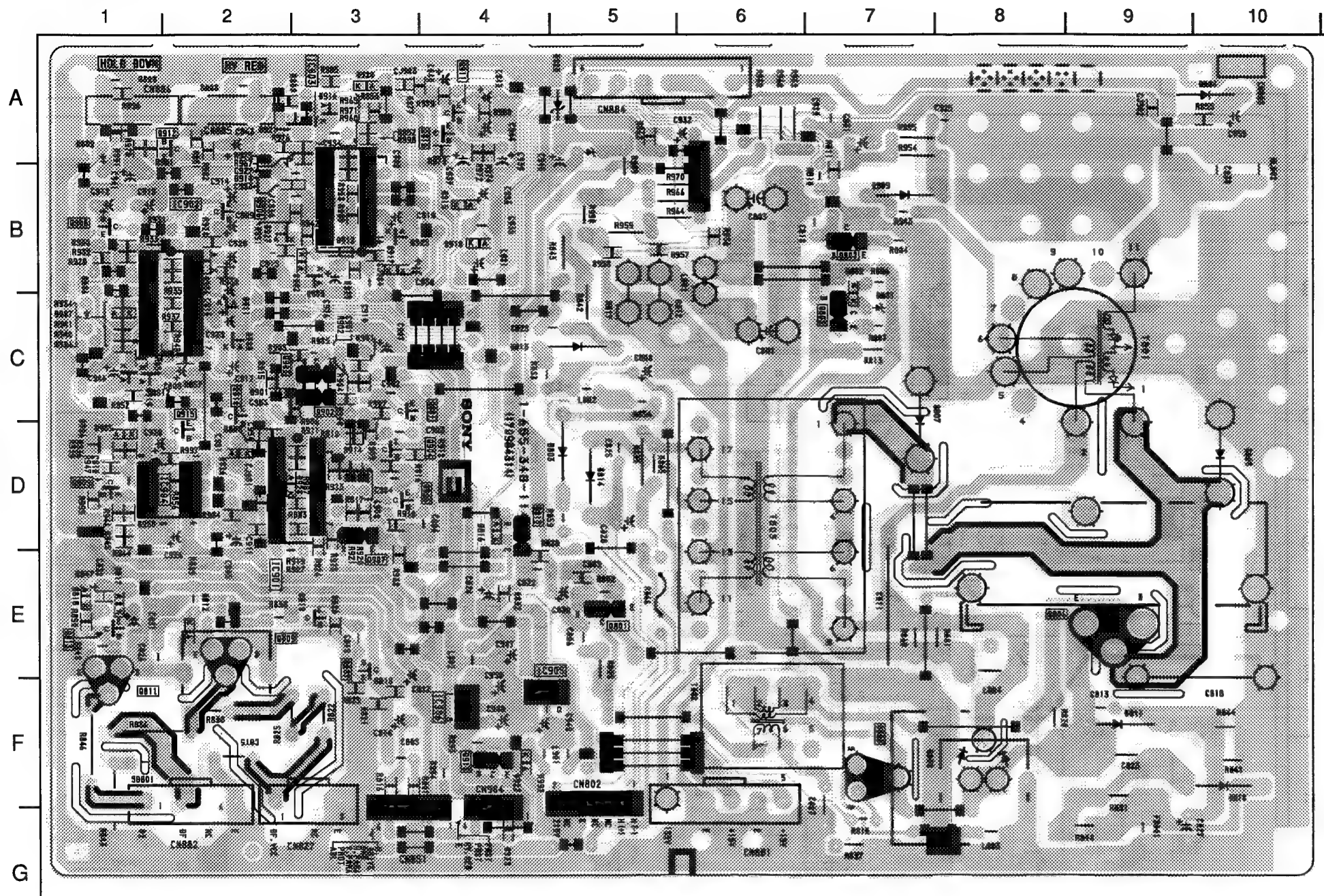
- P BOARD -



les seeing.

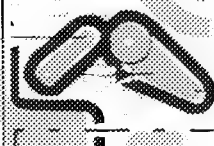


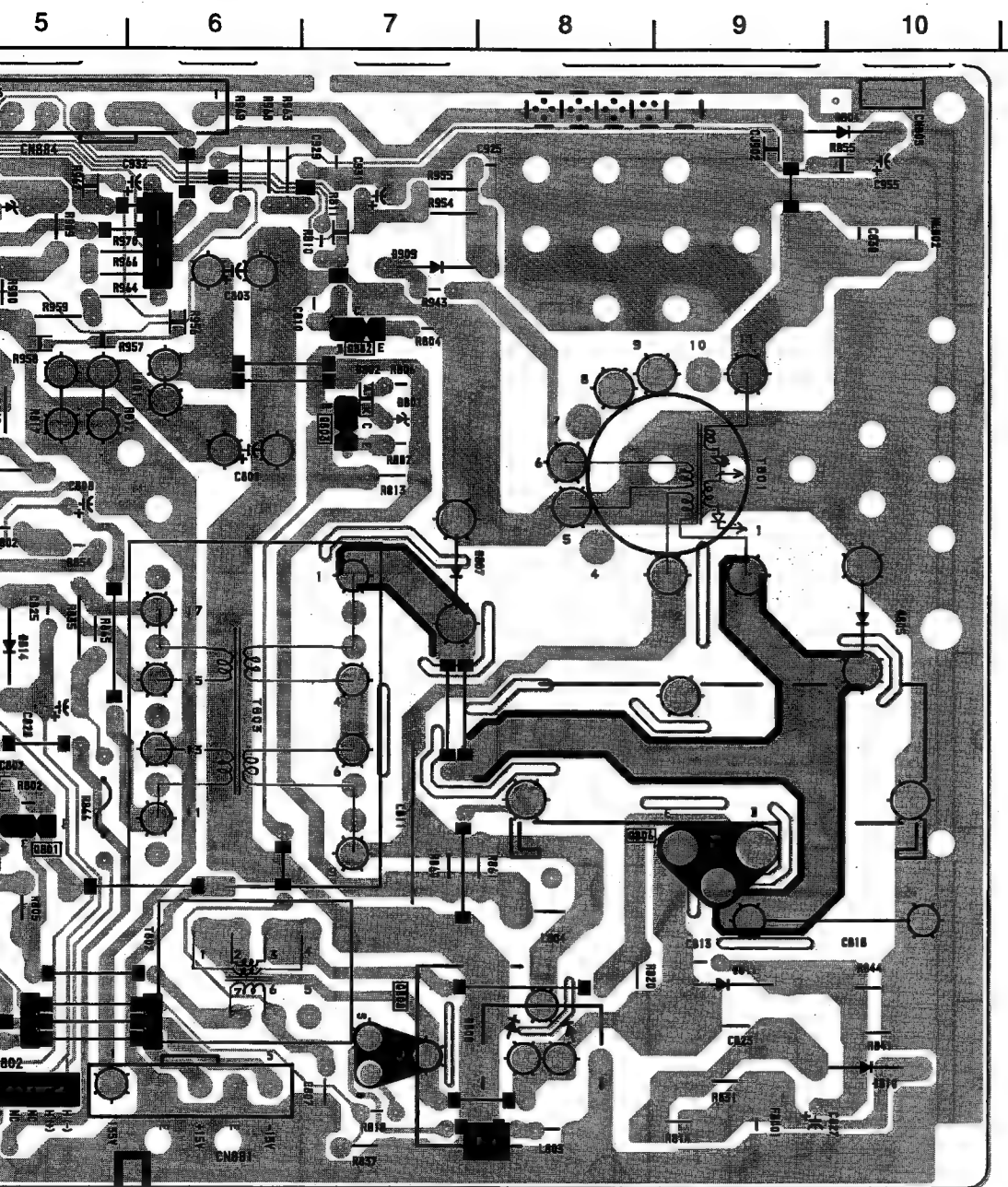
- E BOARD -



NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.



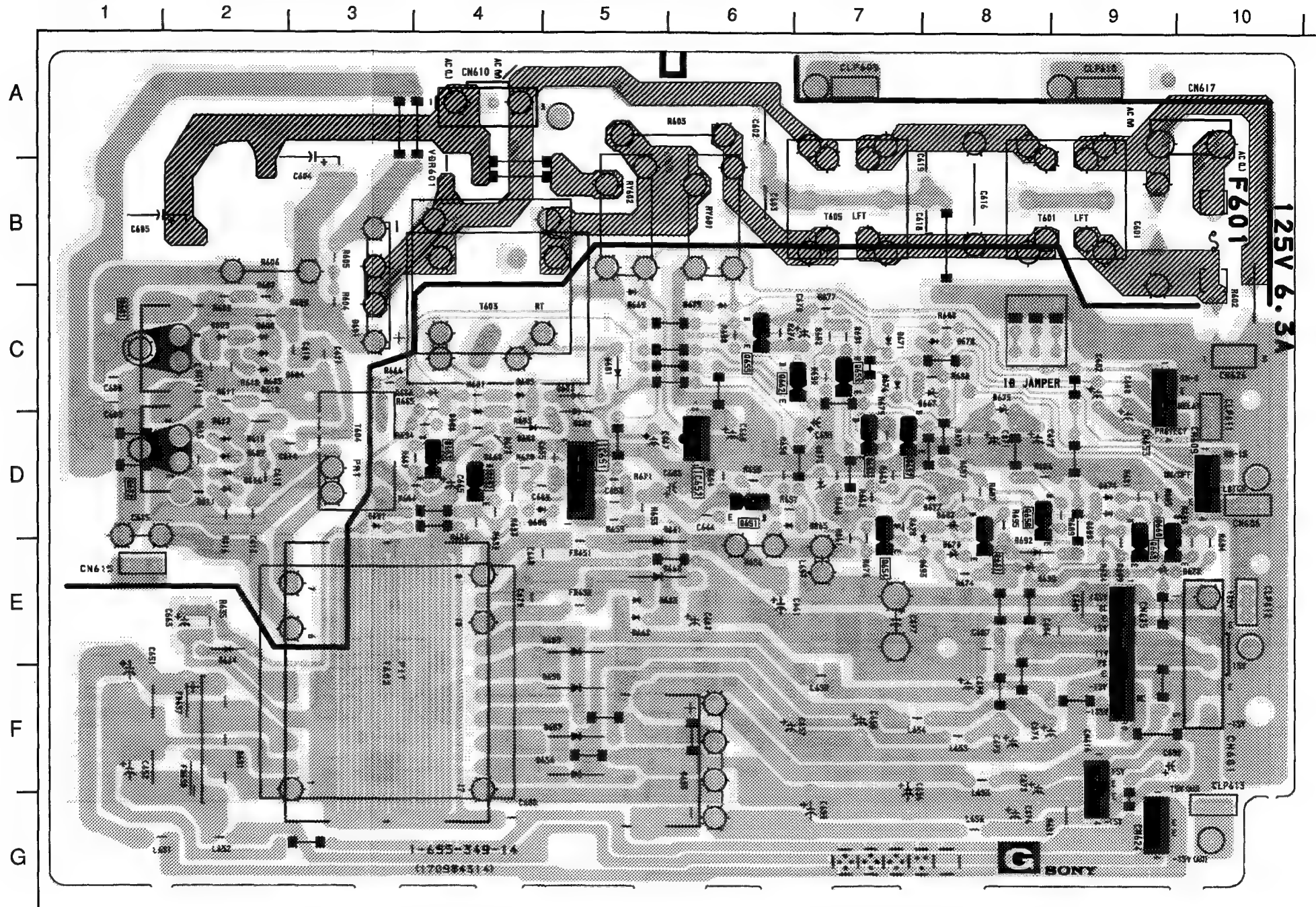


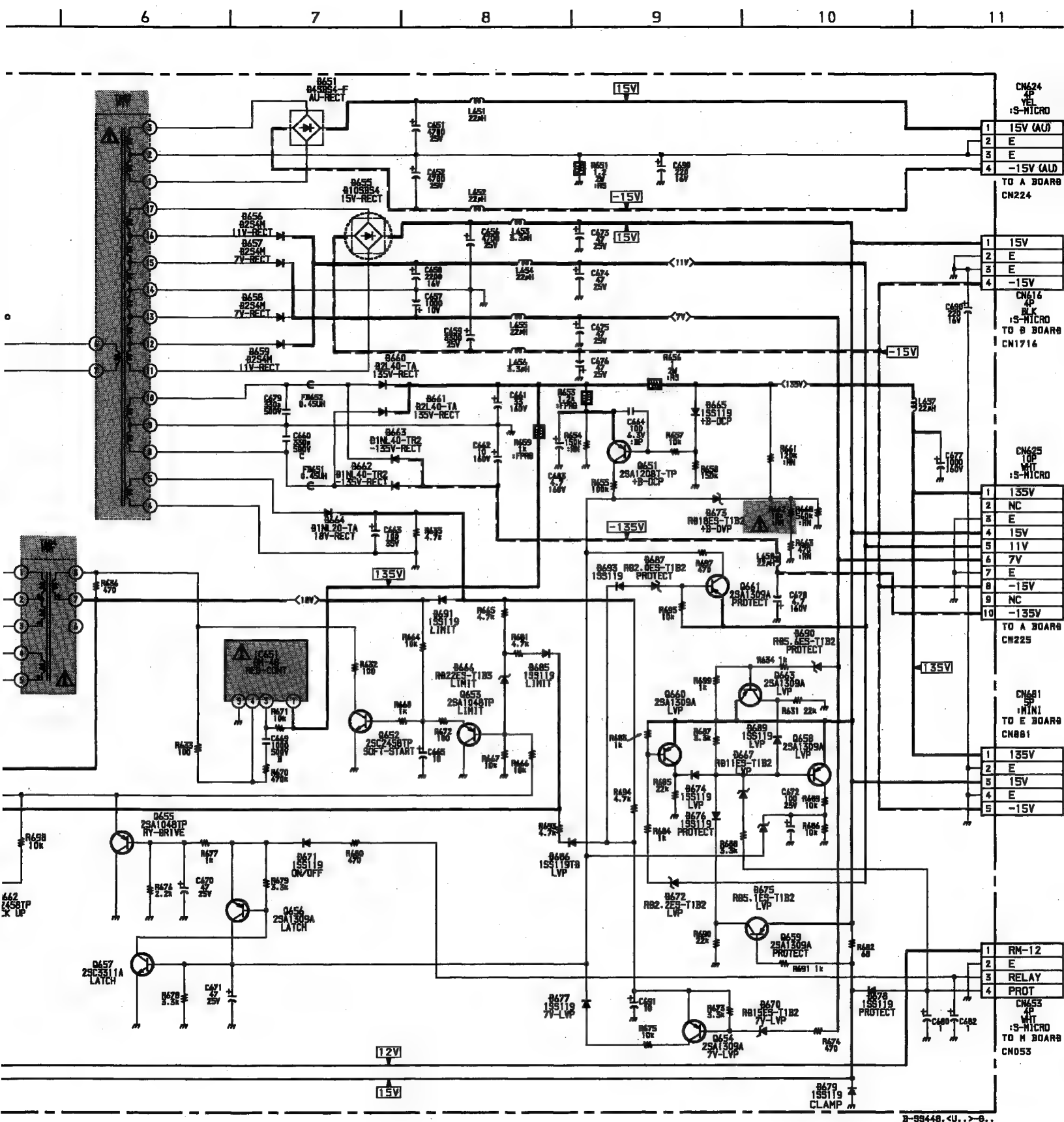
age of over
ic shock in

G

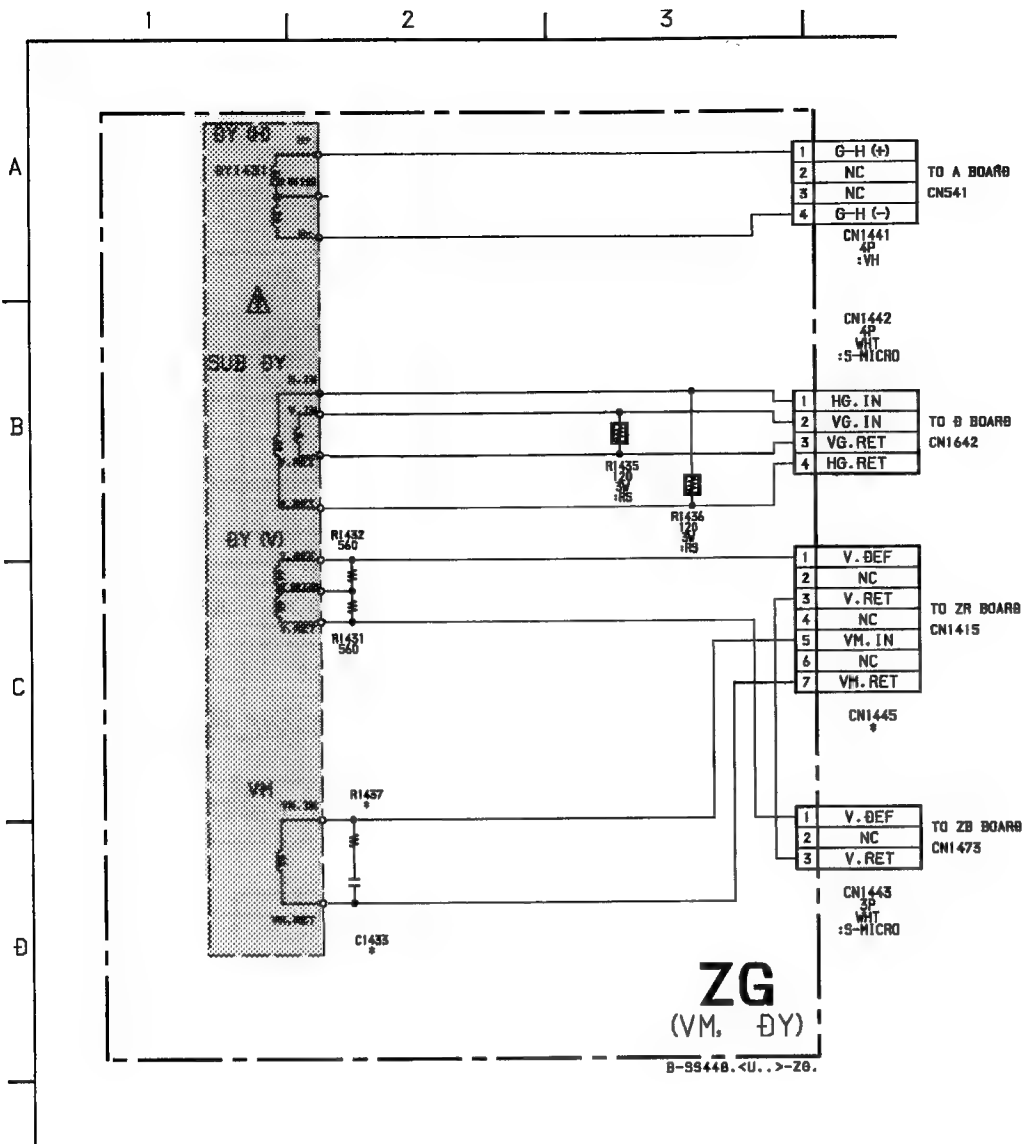
[POWER SUPPLY]

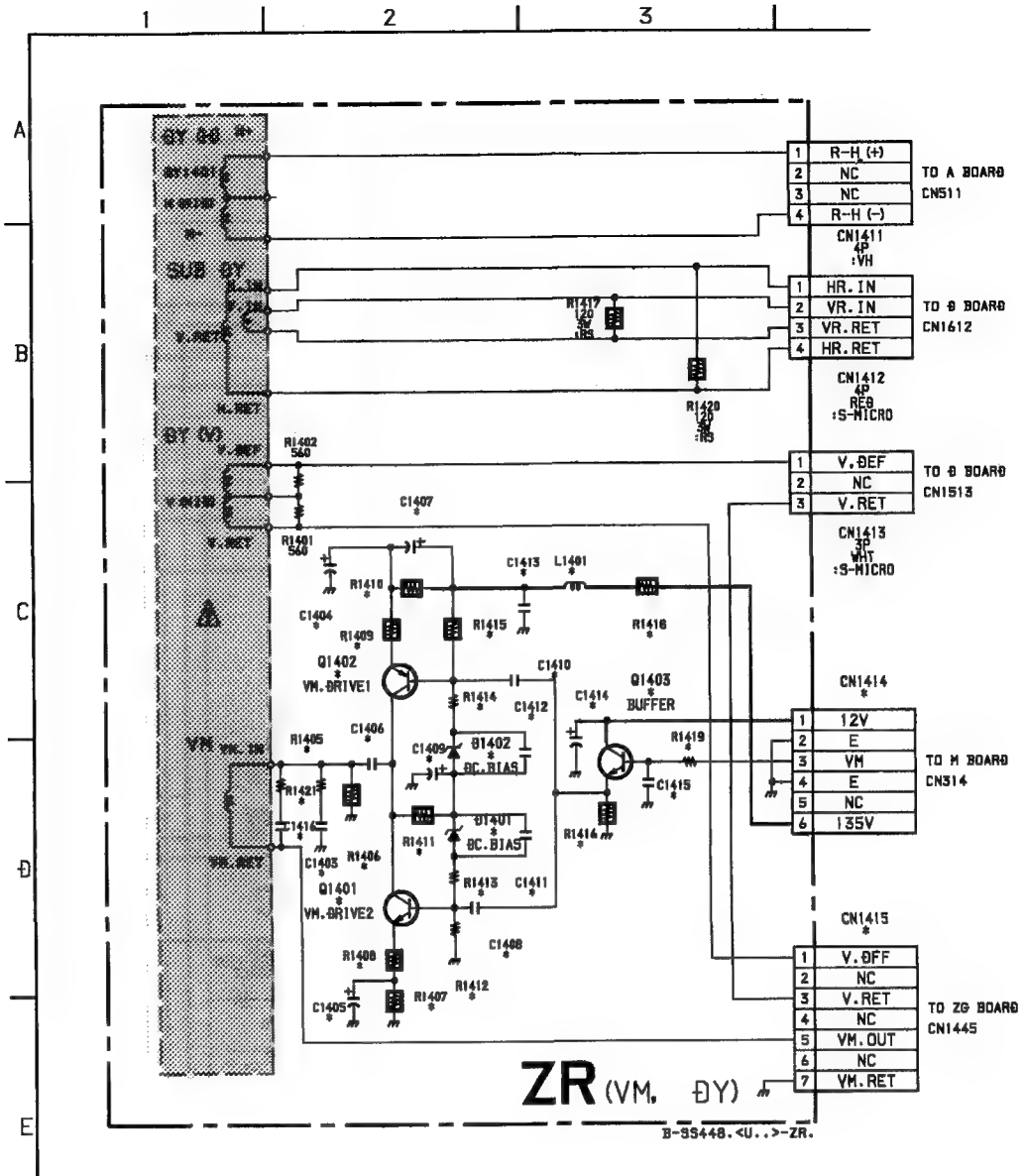
- G BOARD -

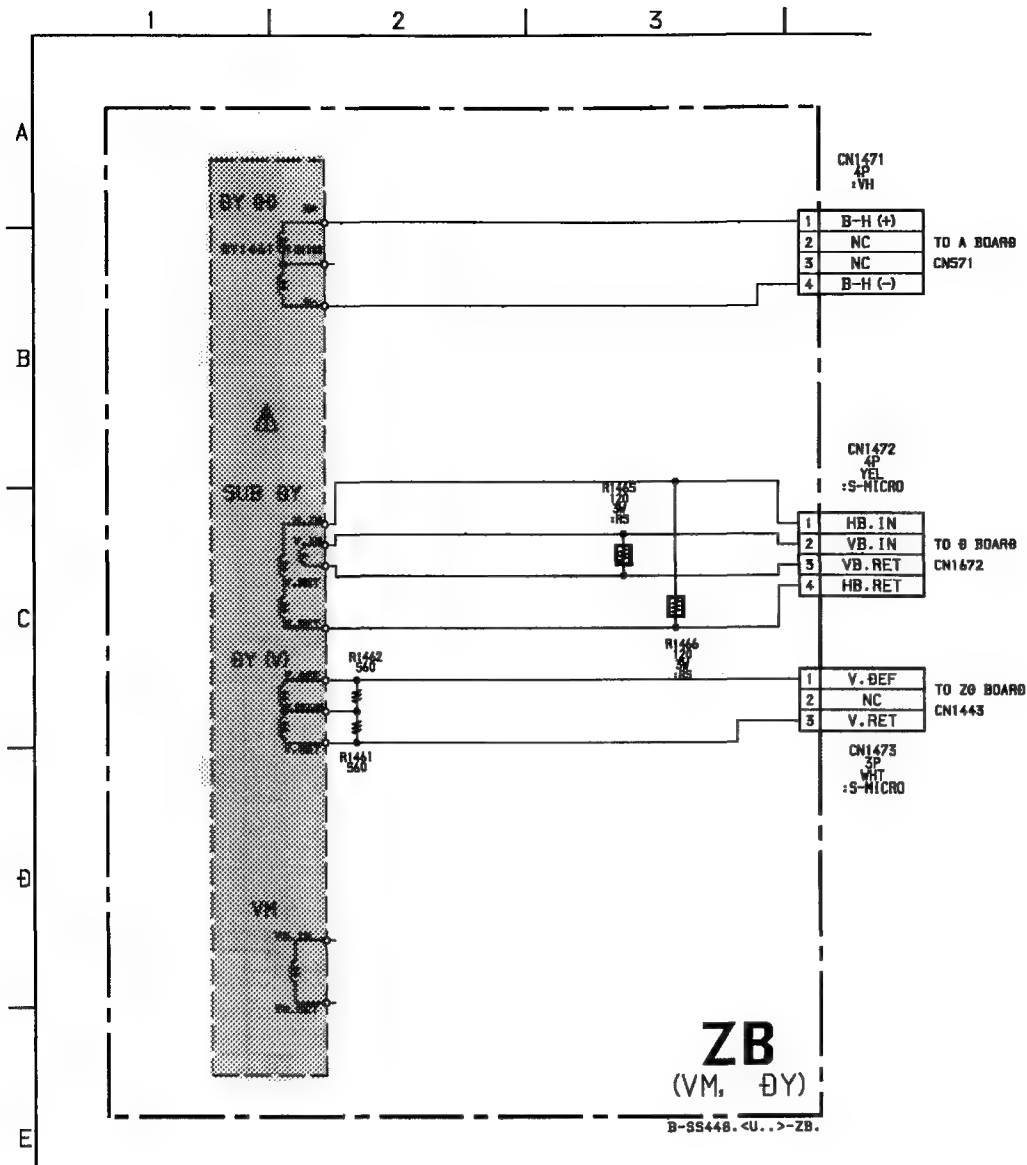




2







ZB

[VM, DY]

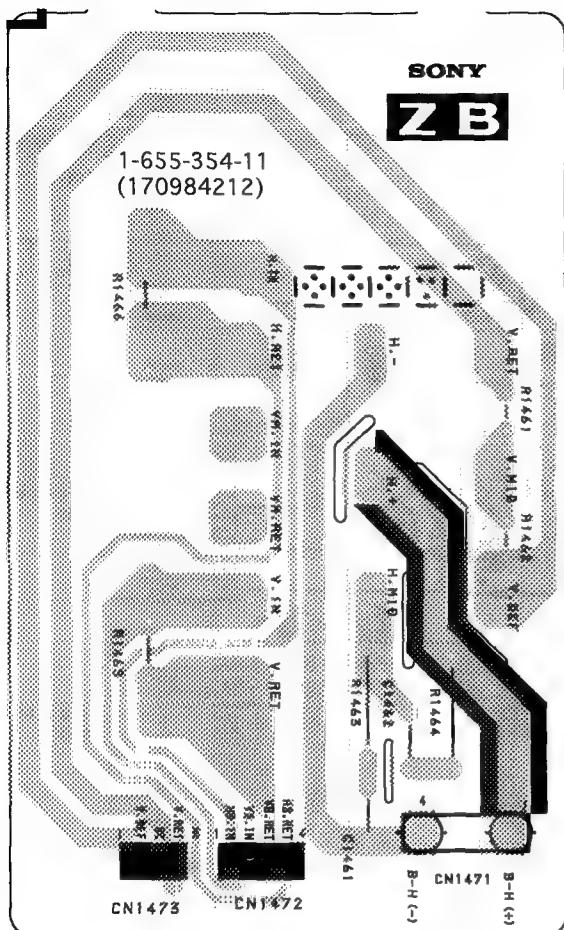
ZG

[VM, DY]

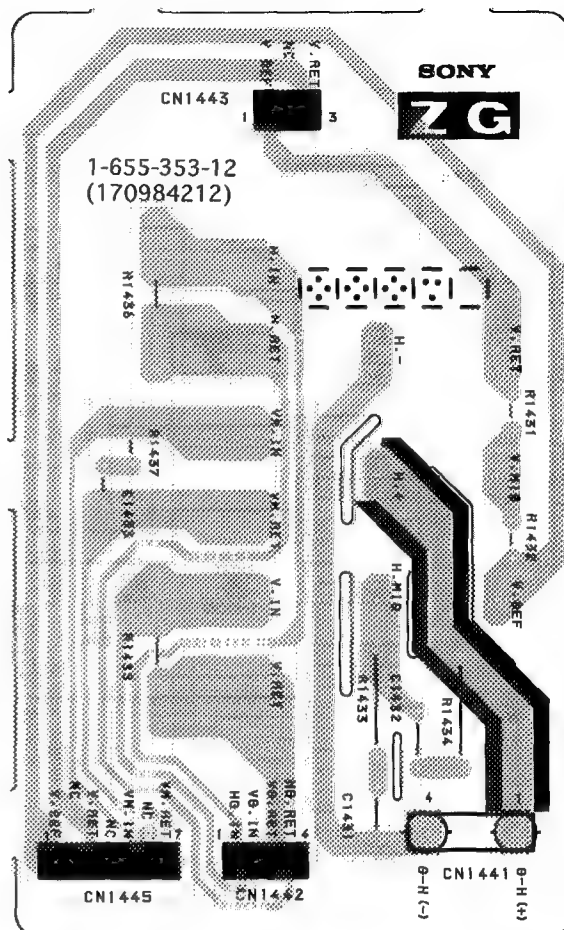
ZR

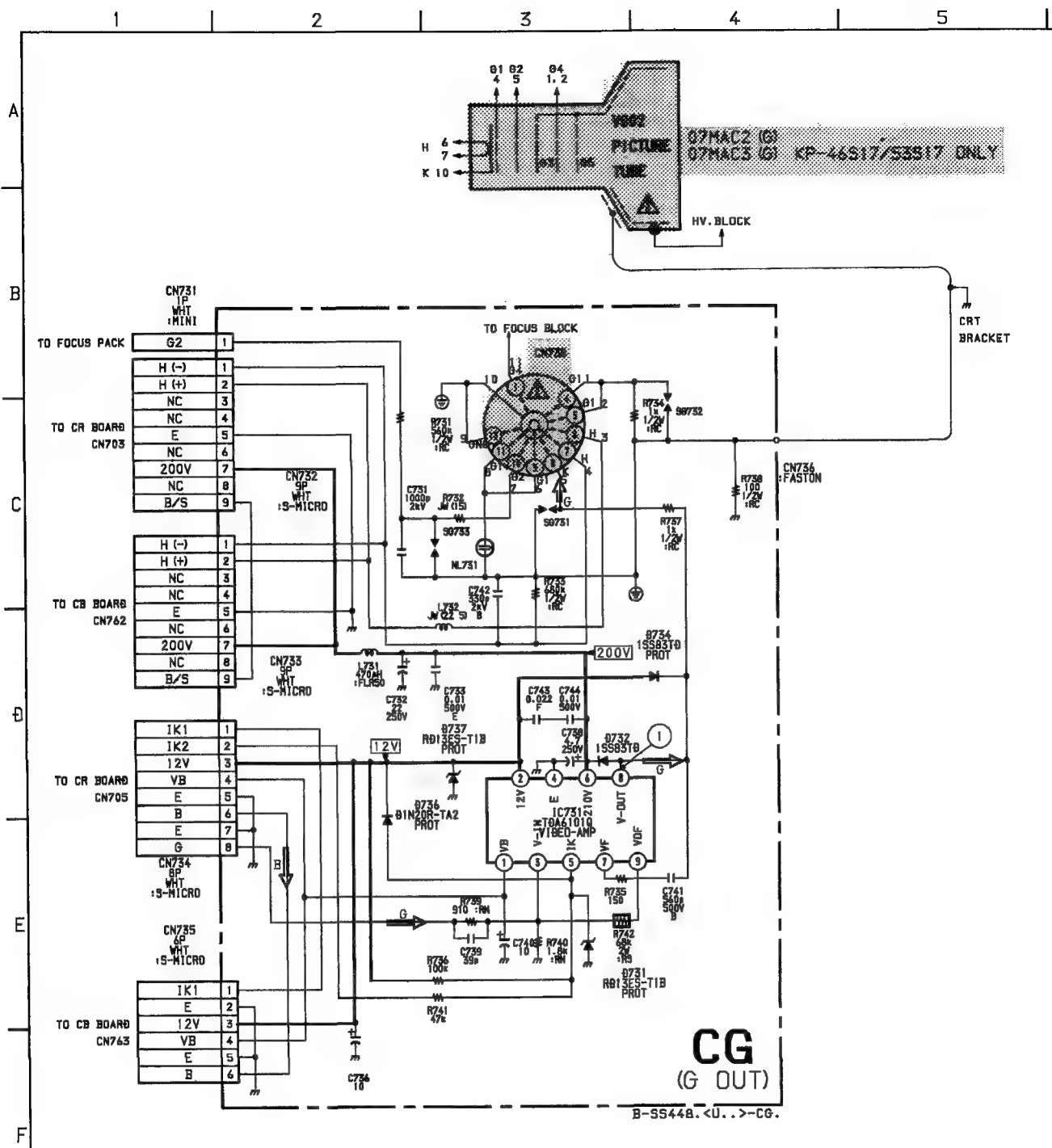
[VM, DY]

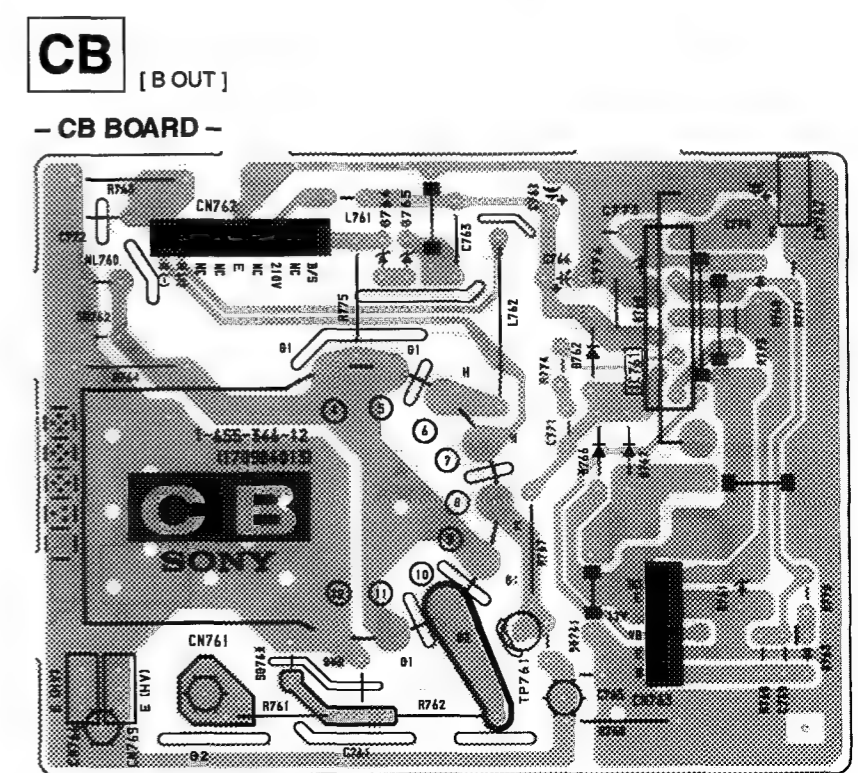
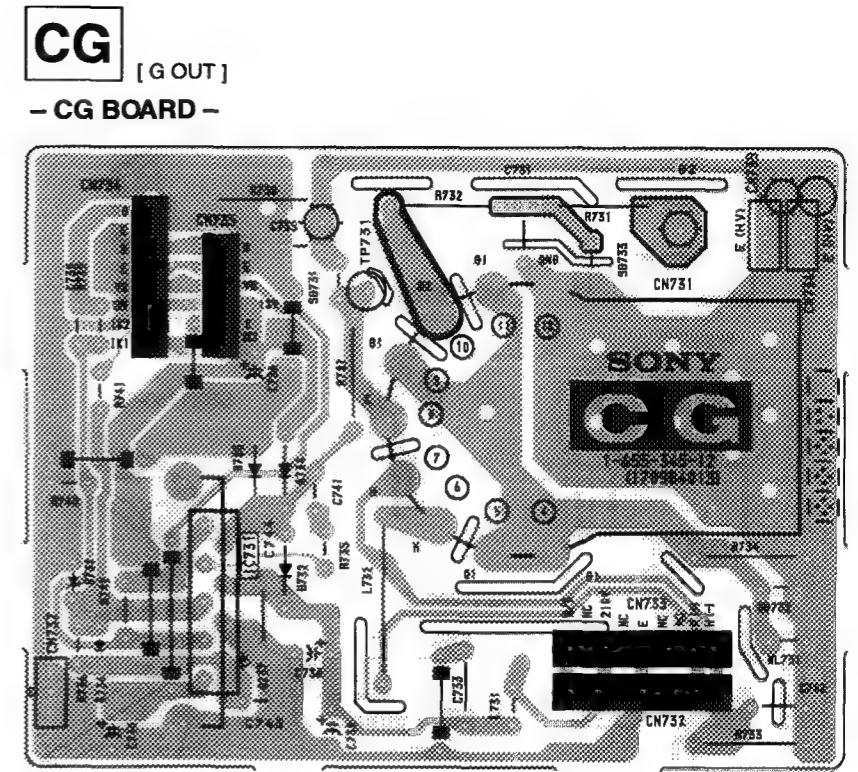
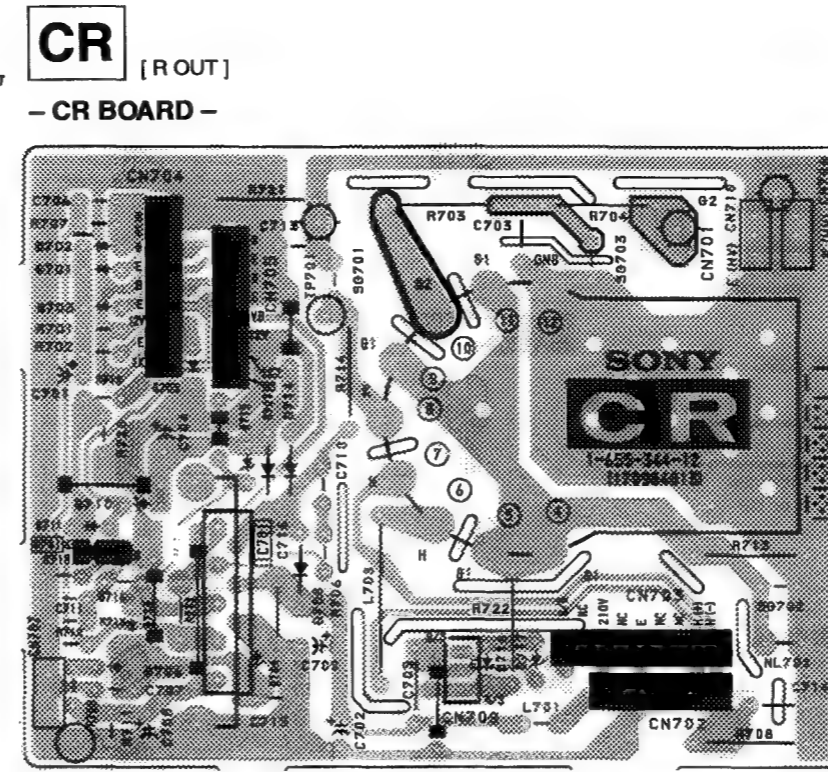
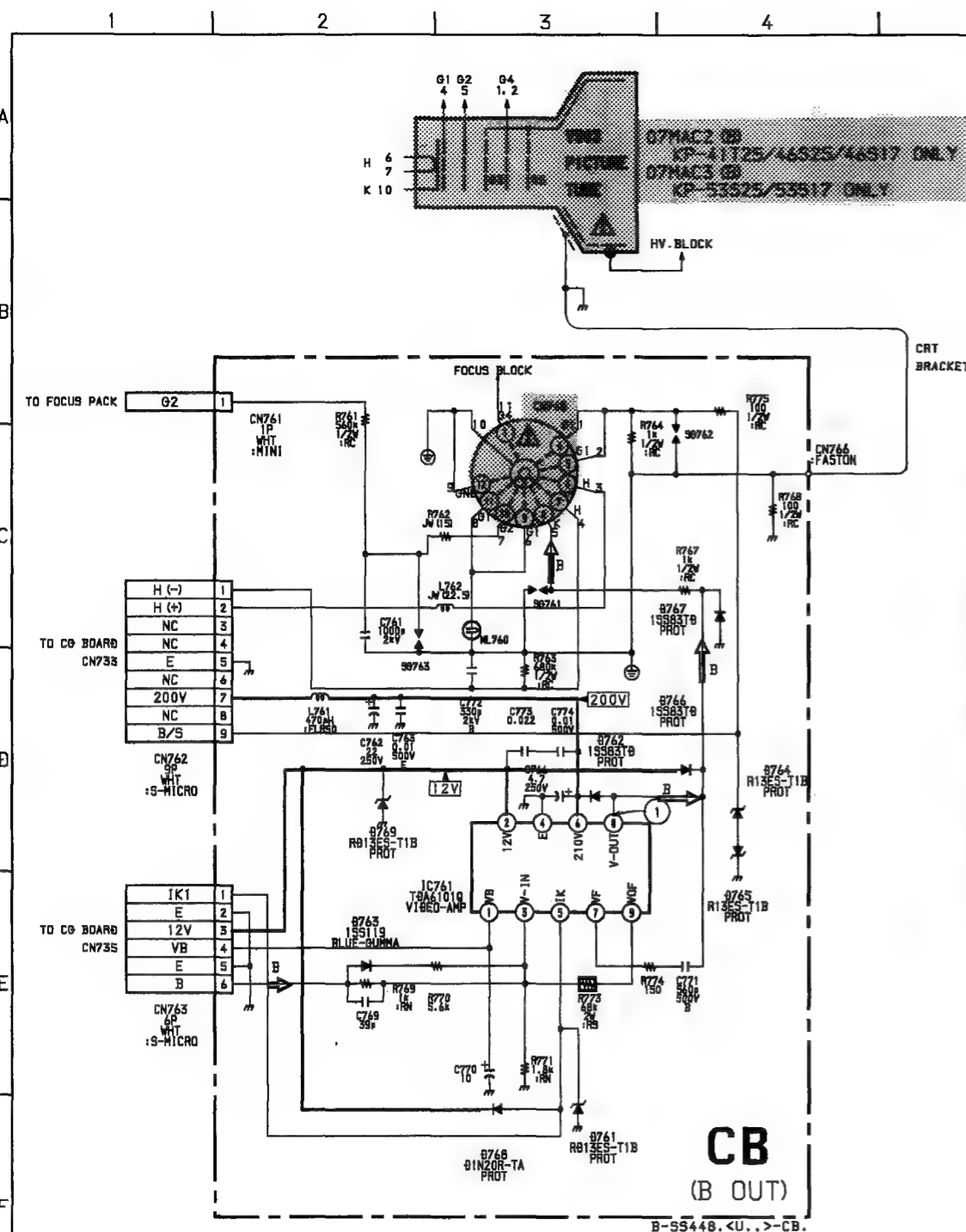
- ZB BOARD -



- ZG BOARD -

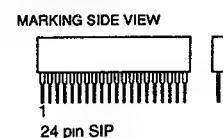






4-3. SEMICONDUCTORS

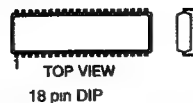
CAT51C262-ZS
MSM51C262-ZS



MB40176PF-G-BND-EF



PA0053B
Z8622812PSC



TDA6101Q



DTC323TS
2SA1175-HFE
2SC2785-HFE

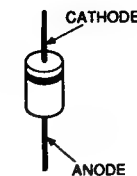


2SA1837
2SC4793
2SD2348(LBSONY-2)



D1N20R
ERA85-009
ERC91-02TP11
RD10ESB2
RD11ESB2
RD13ESB2
RD15ESB2
RD18ESB2
RD2.0ESB2
RD2.2ESB2
RD22ESB3
RD24ESB
RD3.3ESB2
RD3.9ESB2
RD33ESB1
RD39ESB2
RD5.1ESB1
RD5.1ESB2
RD5.6ESB1
RD5.6ESB2
RD8.2ESB2
RD9.1ESL
11ES2
1SS119-25

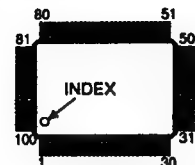
EGP-20G



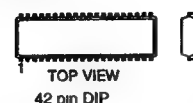
CXA1477AS
CXA1855S



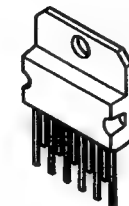
MB86144BPF-G-BND



PM0002B



TDA7265



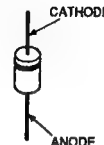
IRFI640LF



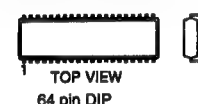
2SB649A-C
2SC2688-LK



ERC06-15S
ERC91-02
RU-1C



CXP85112B-SX377
CXP85332A-SX377



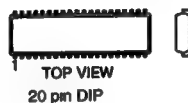
MCT7812CT



PQ05RF1
PQ09RA1



TDA8424



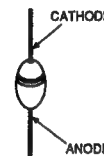
2SA1013-R-TPE6
2SA1208-S



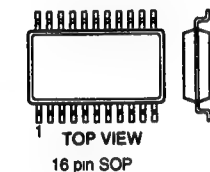
2SC2878-AB



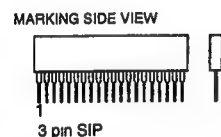
ERC38-06
V09G



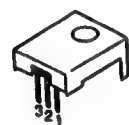
HD14053BFP



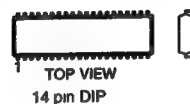
MN1280-S



SBX1780-51



UPC339C



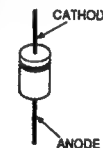
2SA1162-G
2SC1623-L5L6
2SD601A-Q



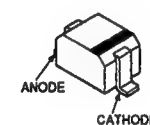
2SC4632LS-CB7
2SD1877-CA



D1NL20
D1NL40-TR2
D2L40-TA
EL1Z
ERD28-08S
GP08D
RGP02-20EL-6394
1SS83



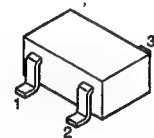
HVU359TRF
MA110
1T363



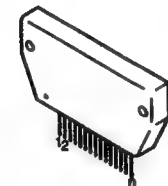
LM7912CT
NJM7905FA
MC7905CT



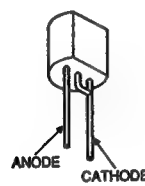
MN1382S



STK392-010



UPC574J



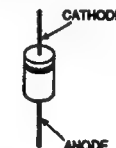
2SA1221-L
2SB733-34
2SD774-34



2SC4834M



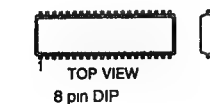
D2S4MF



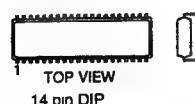
RD13M-B3
RD3.3M-B1
RD3.9M-B1
RD4.7M-B2
RD5.1M-B2
RD5.6M-B2



M5218AP
ST24C01CB1
ST24C04CB1
UPC358C



NJM2058D



STV9379



UPC78N05H



2SA1492M-OPY



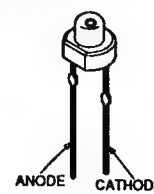
D10SBS4-F
D4SBS4-F
LN4SB60-F



D8LC40-F



SLR-325VCT31



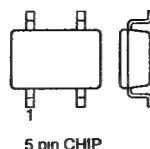
MB3512PFQ



NJM7805FA
NJM7812FA
NJM78M09FA
TA7805S
TA7812S



TC7SU04F



DTC124ES
2SC2458-YGR



DAN202K



DAP202K

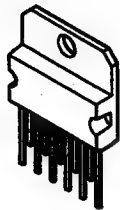


TDA6101Q

MARKING SIDE VIEW



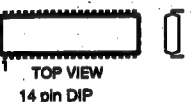
TDA7265



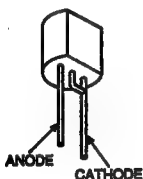
TDA8424



UPC339C



UPC574J



UPC78N05H



DTC124ES
2SC2458-YGR



DTC323TS
2SA1175-HFE
2SC2785-HFE



IRF1640LF



2SA1013-R-TPE6
2SA1208-S



2SA1162-G
2SC1623-L5L6
2SD601A-Q



2SA1221-L
2SB733-34
2SD774-34



2SA1492M-OPY



2SA1837
2SC4793
2SD2348(LBSONY-2)



2SB649A-C
2SC2688-LK



2SC2878-AB



2SC4632LS-CB7
2SD1877-CA



2SC4834M



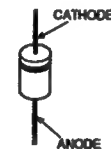
D10SBS4-F
D4SBS4-F
LN4SB60-F



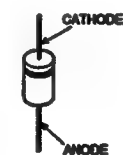
D1N20R
ERA85-009
ERC91-02TP11
RD10ESB2
RD11ESB2
RD13ESB2
RD15ESB2
RD18ESB2
RD2.0ESB2
RD2.2ESB2
RD22ESB3
RD24ESB
RD3.3ESB2
RD3.9ESB2
RD33ESB1
RD39ESB2
RD5.1ESB1
RD5.1ESB2
RD5.6ESB1
RD5.6ESB2
RD8.2ESB2
RD9.1ESL
11ES2
1SS119-25



D1NL20
D1NL40-TR2
D2L40-TA
EL1Z
ERD28-08S
GP08D
RGP02-20EL-6394
1SS83



D2S4MF



D8LC40-F



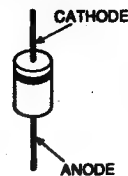
DAN202K



DAP202K



EGP-20G



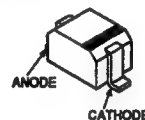
ERC06-15S
ERC91-02
RU-1C



ERC38-06
V09G



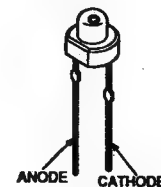
HVU359TRF
MA110
1T363



RD13M-B3
RD3.3M-B1
RD3.9M-B1
RD4.7M-B2
RD5.1M-B2
RD5.6M-B2



SLR-325VCT31



SECTION 5 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service

- The construction parts of an assembled part are indicated with a collation number in the remark column.

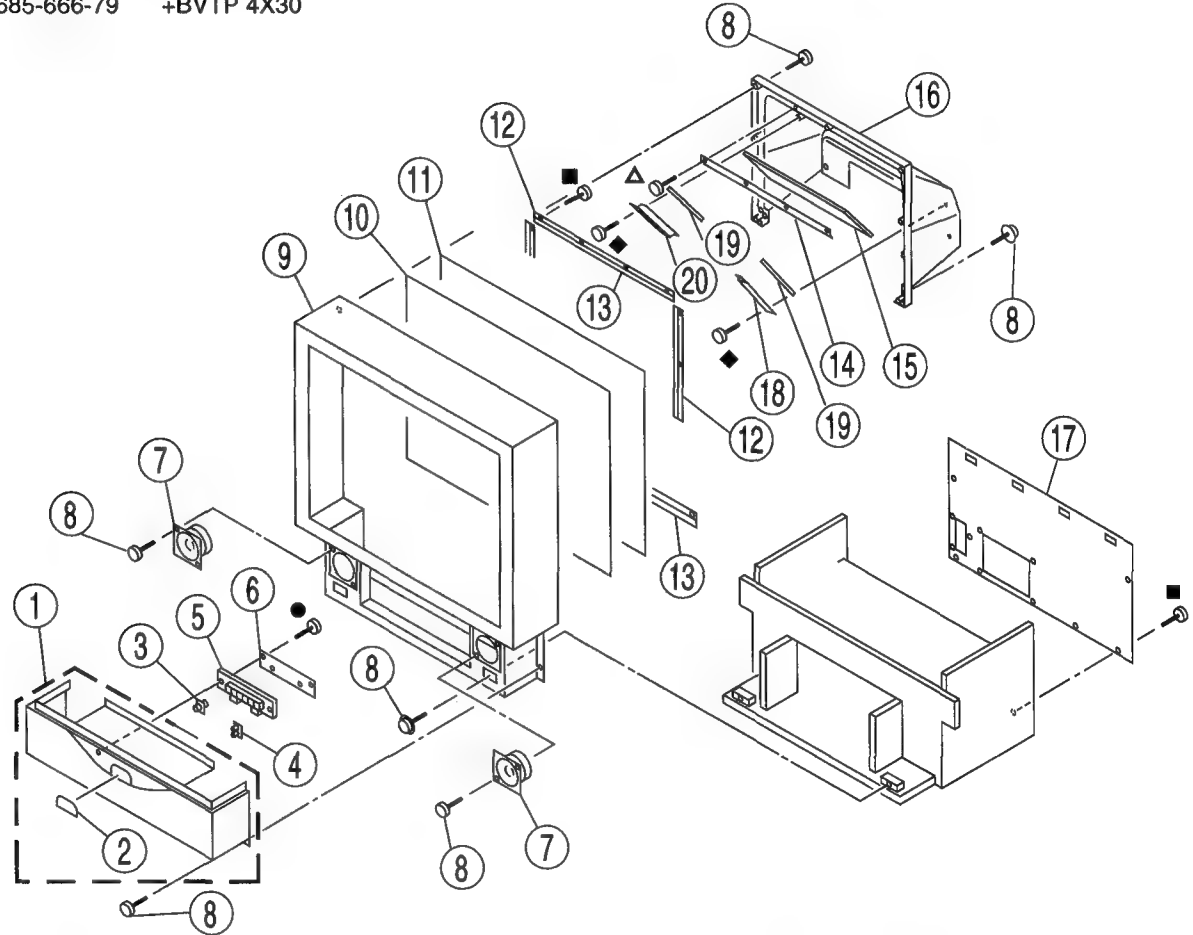
- Items marked " * " are not stocked since they are seldom required for routine service Some delay should be anticipated when ordering these items

The components identified by shading and mark Δ are critical for safety
Replace only with part number specified

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité
Ne les remplacer que par une pièce portant le numéro spécifié

5-1. SCREEN AND CONTROL BLOCK

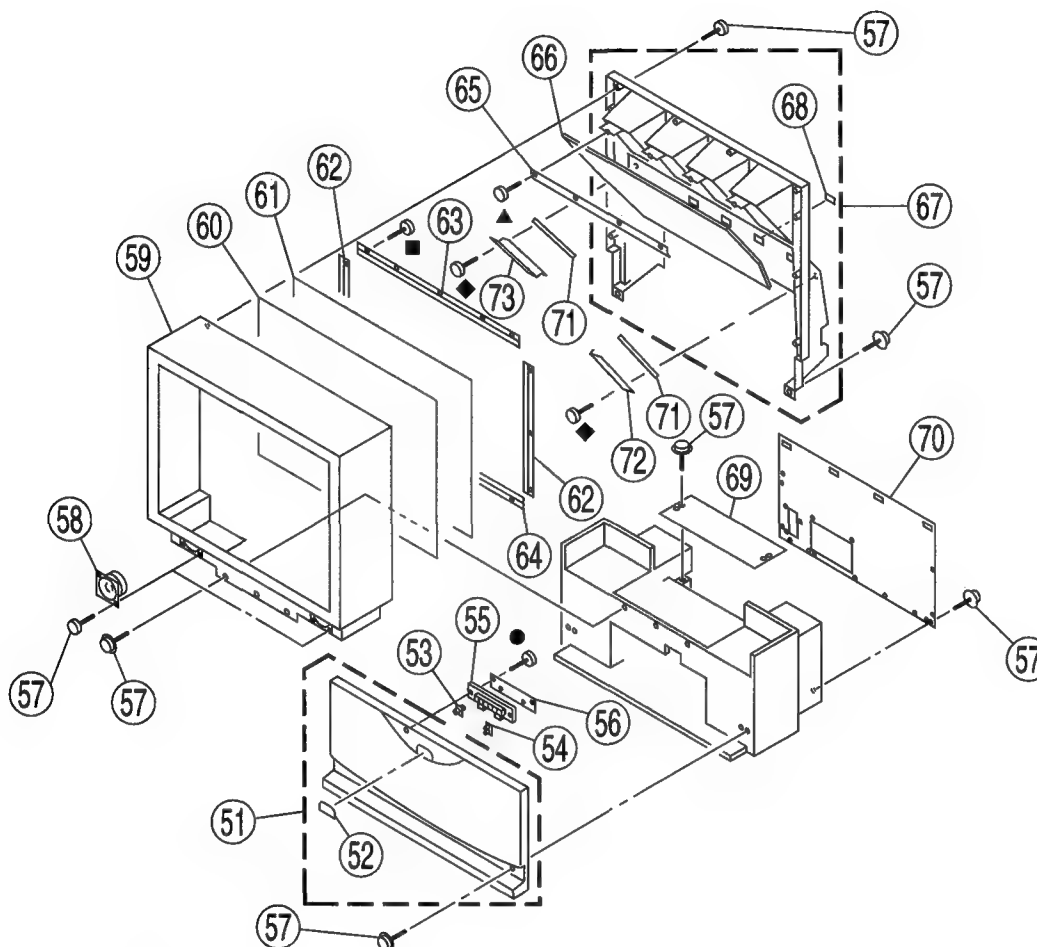
- 7-685-648-79 +BVTP 3X12
- △ 7-685-661-79 +BVTP 4X12
- 7-685-663-79 +BVTP 4X16
- ◆ 7-685-666-79 +BVTP 4X30



REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
1	X-4032-545-1	PANEL ASSY, CONTROL		13	4-036-091-31	HOLDER (L), SCREEN	
2	4-048-000-01	DOOR, CONTROL		14	* 4-037-351-01	HOLDER, MIRROR	
3	4-047-999-01	FILTER, REMOTE			* 4-037-351-01	HOLDER, MIRROR	
4	4-047-998-01	GUIDE, LIGHT, LED		15	4-047-861-01	MIRROR (41), REFLECTION	
5	4-048-001-01	BUTTON, MULTI		16	X-4032-607-1	COVER, MIRROR	
6	* A-1372-099-A	HA BOARD, COMPLETE		17	* 4-047-837-01	PLATE (41), REAR	
7	1-504-785-11	SPEAKER (10CM)		18	* 4-049-096-01	HOLDER (RIGHT), SIDE	(KP-46S17/46S25/53S17/53S25)
8	4-041-164-11	SCREW (4X20), TAPPING		19	* 4-049-098-01	CUSHION	(KP-46S17/46S25/53S17/53S25)
9	X-4032-546-1	BEZNET ASSY		20	* 4-049-097-01	HOLDER (LEFT), SIDE	(KP-46S17/46S25/53S17/53S25)
10	4-034-053-01	PLATE (L), DIFFUSION					
11	4-047-943-11	PLATE (F), DIFFUSION					
12	4-036-092-01	HOLDER (S), SCREEN					

5-2. MIRROR COVER AND POWER BLOCK

- 7-685-648-79 +BVTP 3X12
- ▲ 7-685-661-79 +BVTP 4X12
- 7-685-663-79 +BVTP 4X16
- ◆ 7-685-666-79 +BVTP 4X30



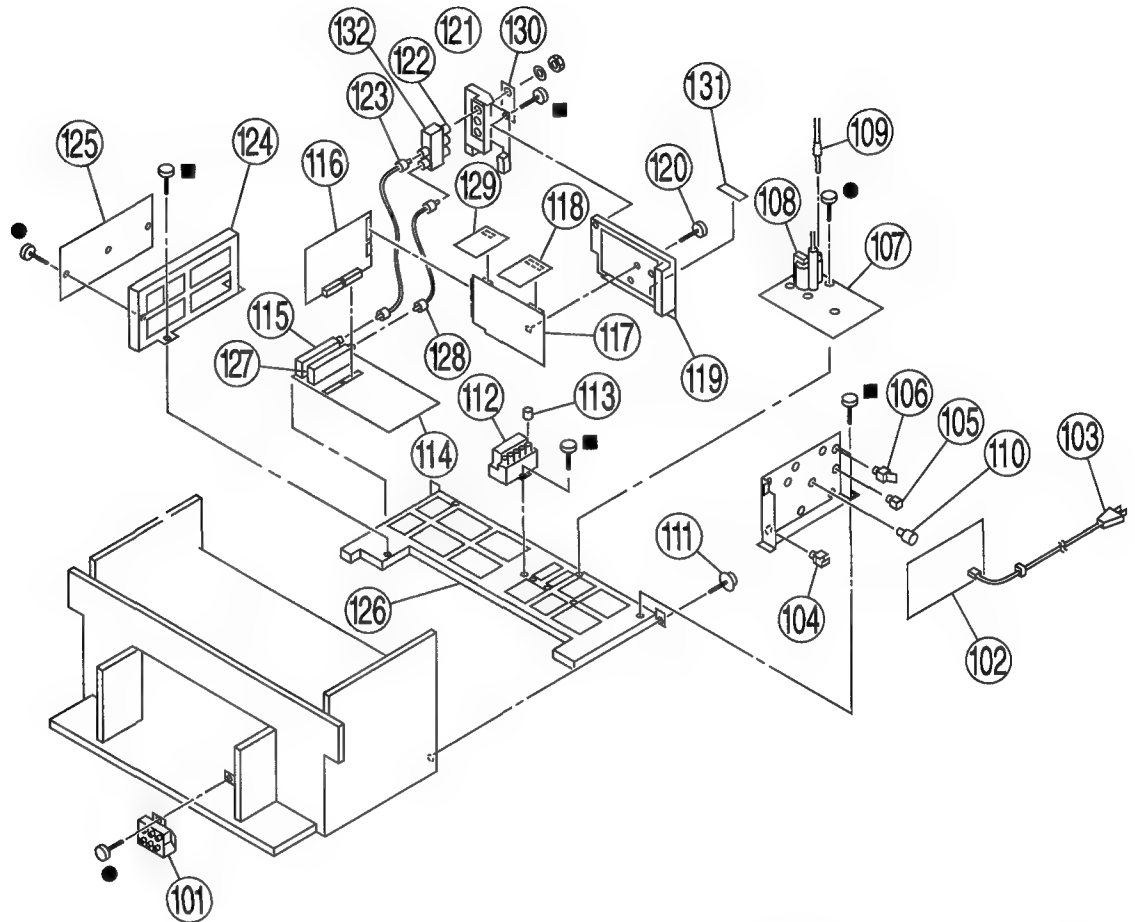
REF NO.	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
51	X-4032-614-2	GRILLE ASSY, SPEAKER	52	63	* 4-048-159-01	HOLDER (L), SCREEN (KP-46S17/46S25)	
52	4-048-000-01	DOOR, CONTROL			* 4-048-159-11	HOLDER (L), SCREEN (KP-53S17/53S25)	
53	4-047-999-01	FILTER, REMOTE		64	* 4-048-159-21	HOLDER (L), SCREEN (KP-46S17/46S25)	
54	4-047-998-01	GUIDE, LIGHT, LED			* 4-048-159-31	HOLDER (L), SCREEN (KP-53S17/53S25)	
55	4-048-001-01	BUTTON, MULTI					
56	* A-1372-099-A	HA BOARD, COMPLETE		65	4-036-092-01	HOLDER, MIRROR	
57	4-041-164-11	SCREW (4X20), TAPPING		66	4-048-181-01	MIRROR (46), REFLECTION (KP-46S17/46S25)	
58	1-504-785-11	SPEAKER (10CM)			4-048-181-01	MIRROR (53), REFLECTION (KP-53S17/53S25)	
59	X-4032-617-2	BEZNET ASSY (46S) (KP-46S17/46S25)		67	* X-4032-619-3	COVER ASSY, MIRROR (KP-46S17/46S25)	
	X-4032-618-1	BEZNET ASSY (53S) (KP-53S17/53S25)			* X-4032-620-3	COVER ASSY, MIRROR (KP-53S17/53S25)	
60	4-036-466-11	PLATE (L), DIFFUSION (KP-53S17/53S25)		69	* 4-048-160-01	PLATE, SHIELD (KP-46S17/46S25)	
	4-037-360-11	PLATE (L), DIFFUSION (KP-46S17/46S25)			* 4-048-161-01	PLATE, SHIELD (KP-53S17/53S25)	
61	4-036-469-01	PLATE (F), DIFFUSION (KP-53S17/53S25)		70	* 4-048-168-01	PLATE, REAR (KP-53S17/53S25)	
	4-048-205-11	PLATE (F), DIFFUSION (KP-46S17/46S25)			* 4-048-169-01	PLATE, REAR (KP-46S17/46S25)	
62	* 4-048-152-01	HOLDER (S), SCREEN (KP-46S17/46S25)		71	* 4-049-098-01	CUSHION	
	* 4-048-152-11	HOLDER (S), SCREEN (KP-53S17/53S25)		72	* 4-049-096-01	HOLDER (RIGHT), SIDE	
				73	* 4-049-097-01	HOLDER (LEFT), SIDE	

The components identified by shading and mark Δ are critical for safety
Replace only with part number specified

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité
Ne les remplacer que par une pièce portant le numéro spécifié

5-3. DC AND E BLOCK

- 7-685-648-79 +BVTP 3X12
- 7-685-663-79 +BVTP 4X16



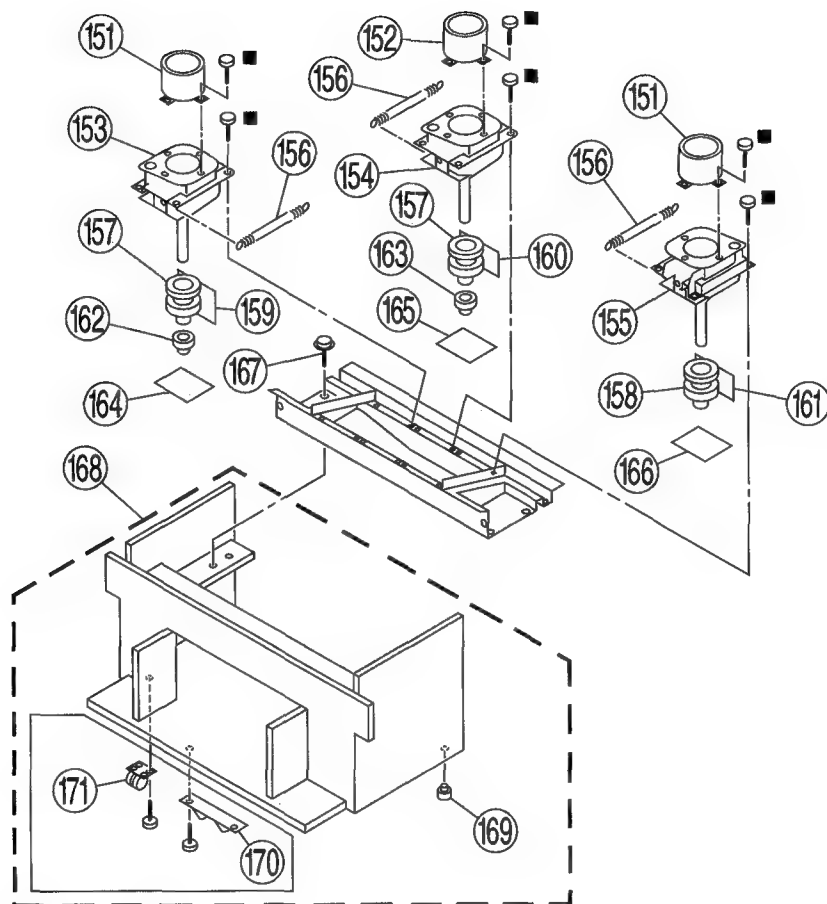
REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
101	Δ 1-223-925-21	RESISTOR ASSY (HIGH-VOLTAGE)		117	* A-1373-511-A	U BOARD, COMPLETE (KP-46S17/53S17)	
102	* A-1316-212-A	G BOARD, COMPLETE			* A-1373-562-A	U BOARD, COMPLETE	
103	Δ 1-769-837-11	CORD, POWER(WITH NOISE FILTER)	(7.0A/125V)				(KP-41T25/46S25/53S25)
104	* 3-659-682-11	HOLDER, PC BOARD		118	* A-1195-062-A	P BOARD, COMPLETE	
105	* 4-382-848-02	HOLDER, PCB		119	4-047-951-01	TERMINAL BOARD (A)	
106	* 3-703-141-11	HOLDER, PCB		120	4-041-165-01	SCREW (3X12), TAPPING, +BV	
107	* A-1341-885-A	E BOARD, COMPLETE		121	4-047-952-11	TERMINAL BOARD (B)	
108	Δ 1-453-189-11	TRANSFORMER ASSY, FLYBACK	(NX2631//A4S)	122	1-561-306-00	JACK, PIN (F) (KP-46S17/53S17)	
109	Δ 1-900-211-34	LEAD ASSY, HV		123	1-556-945-21	CABLE, P-P	
110	* 3-687-542-41	SPACER, PC BOARD SPACE		124	* 4-047-950-01	BRACKET, D PC BOARD	
111	4-041-164-11	SCREW (4X20), TAPPING		125	* A-1346-296-A	D BOARD, COMPLETE	
112	Δ 8-598-955-00	BLOCK ASSY, HIGH-VOLTAGE		126	* 4-047-949-01	BRACKET, MAIN PC BOARD	
113	4-373-137-01	CAP (Z), RUBBER		127	Δ 8-598-047-11	TUNER, ET (BTF-LA401)	(KP-41T25/46S25/53S25)
114	* A-1297-605-A	A BOARD, COMPLETE (KP-46S17/53S17)		128	1-557-056-41	CABLE, P-P	
	* A-1297-813-A	A BOARD, COMPLETE (KP-46S25/53S25)		129	* A-1394-681-A	TR2 BOARD, COMPLETE	
	* A-1297-814-A	A BOARD, COMPLETE (KP-41T25)		130	4-047-937-01	LABEL (B), TERMINAL	(KP-46S17/46S25/53S17/53S25)
115	Δ 8-598-254-00	TUNER (BTF-WA402)		131	4-049-665-01	LABEL, IN/OUT	
116	* A-1306-497-A	M BOARD, COMPLETE (KP-41T25)		132	1-417-178-11	SELECTOR, ANTENA (AS-2)	(KP-46S17/46S25/53S17/53S25)
	* A-1306-498-A	M BOARD, COMPLETE (KP-46S17/53S17)					
	* A-1306-530-A	M BOARD, COMPLETE (KP-46S25/53S25)					

The components identified by shading and mark Δ are critical for safety
 Replace only with part number specified

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité
 Ne les remplacer que par une pièce portant le numéro spécifié.

5-4. SHIELD AND MIRROR HOLDER BLOCK

■ 7-685-663-79 +BVTP 4X16



REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
151	4-034-057-01	LENS (LINNIT)		161	* A-1390-491-A	ZB BOARD, COMPLETE	
152	4-034-057-11	LENS (LINNIT)		162	Δ 1-452-790-21	NECK ASSY (KP-41T25)	
153	Δ 8-736-077-15	PICTURE TUBE 07MAC2 (R) (KP-41T25/46S17/46S25)		163	Δ 1-452-790-11	NECK ASSY (KP-41T25)	
153	Δ 8-736-077-25	PICTURE TUBE 07MAC3(R) (KP-53S17/53S25)		164	* A-1331-498-A	CR BOARD, COMPLETE	
154	Δ 8-736-075-05	PICTURE TUBE 07MAC2(G)		165	* A-1331-499-A	CG BOARD, COMPLETE	
155	Δ 8-736-076-15	PICTURE TUBE 07MAC2 (B) (KP-41T25/46S17/46S25)		166	* A-1331-500-A	CB BOARD, COMPLETE	
	Δ 8-736-076-25	PICTURE TUBE 07MAC3(B) (KP-53S17/53S25)		167	4-052-894-01	SCREW (4X20), TAPPING	
156	4-048-142-01	SPRING, TENSION		168	* X-4032-547-1	CABINET ASSY, BOTTOM (KP-41T25)	169
157	Δ 8-451-463-11	DEFLECTION YOKE (Y829PA2N)			* X-4032-615-1	CABINET ASSY, BOTTOM (KP-46S17/46S25)	171,170
158	Δ 8-451-463-21	DEFLECTION YOKE (Y829PA2N2)		168	* X-4032-616-1	CABINET ASSY, BOTTOM (KP-53S17/53S25)	171,170
159	* A-1390-487-A	ZR BOARD, COMPLETE (KP-41T25)		169	4-047-987-01	FOOT (KP-41T25)	
	* A-1390-513-A	ZR BOARD, COMPLETE (KP-46S17/46S25/53S17/53S25)		170	4-048-175-01	FOOT, PLASTIC (KP-46S17/46S25/53S17/53S25)	
160	* A-1390-489-A	ZG BOARD, COMPLETE (KP-41T25)		171	4-040-755-01	CASTER (DIA 30) (KP-46S17/46S25/53S17/53S25)	
	* A-1390-512-A	ZG BOARD, COMPLETE (KP-46S17/46S25/53S17/53S25)					

SECTION 6

ELECTRICAL PARTS LIST

P

NOTE:

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

• The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

• CAPACITORS
PF : μ F

• There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
* A-1195-062-A P BOARD, COMPLETE *****				C3252	1-163-103-00	CERAMIC CHIP 27PF	5% 50V
<CAPACITOR>				C3253	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3201	1-126-967-11	ELECT 47MF	20% 16V	C3254	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3203	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C3255	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3204	1-126-964-11	ELECT 10MF	20% 50V	C3256	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C3205	1-126-964-11	ELECT 10MF	20% 50V	C3257	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C3206	1-126-964-11	ELECT 10MF	20% 50V	C3258	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C3207	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C3259	1-163-111-00	CERAMIC CHIP 56PF	5% 50V
C3208	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C3260	1-163-119-00	CERAMIC CHIP 120PF	5% 50V
C3209	1-126-962-11	ELECT 3.3MF	20% 50V	C3261	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3210	1-126-967-11	ELECT 47MF	20% 16V	C3263	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3212	1-126-962-11	ELECT 3.3MF	20% 50V	C3264	1-165-319-11	CERAMIC CHIP 0.1MF	5% 50V
C3213	1-164-346-11	CERAMIC CHIP 1MF	16V	C3265	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3214	1-164-346-11	CERAMIC CHIP 1MF	16V	C3266	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3215	1-164-346-11	CERAMIC CHIP 1MF	16V	C3267	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3216	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C3268	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3217	1-164-346-11	CERAMIC CHIP 1MF	16V	C3269	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3218	1-164-346-11	CERAMIC CHIP 1MF	16V	C3270	1-165-319-11	CERAMIC CHIP 0.1MF	5% 50V
C3219	1-126-935-11	ELECT 470MF	20% 16V	C3271	1-165-319-11	CERAMIC CHIP 0.1MF	5% 50V
C3220	1-164-346-11	CERAMIC CHIP 1MF	16V	C3272	1-165-319-11	CERAMIC CHIP 0.1MF	5% 50V
C3221	1-164-346-11	CERAMIC CHIP 1MF	16V	C3273	1-163-109-00	CERAMIC CHIP 47PF	5% 50V
C3222	1-164-336-11	CERAMIC CHIP 0.33MF	25V	C3274	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3223	1-164-336-11	CERAMIC CHIP 0.33MF	25V	C3275	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3224	1-164-222-11	CERAMIC CHIP 0.22MF	25V	C3276	1-163-111-00	CERAMIC CHIP 56PF	5% 50V
C3225	1-164-222-11	CERAMIC CHIP 0.22MF	25V	C3277	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3226	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C3278	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C3227	1-164-346-11	CERAMIC CHIP 1MF	16V	C3279	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C3228	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C3280	1-126-964-11	ELECT 10MF	20% 50V
C3229	1-163-093-00	CERAMIC CHIP 10PF	5% 50V	C3282	1-164-346-11	CERAMIC CHIP 1MF	16V
C3230	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	<CONNECTOR>			
C3231	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	CN150	1-573-297-21	CONNECTOR, BOARD TO BOARD 18P	
C3232	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	<DIODE>			
C3233	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	D3202	8-719-031-68	DIODE HVU359TRF	
C3234	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	D3203	8-719-404-46	DIODE MA110	
C3235	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	D3208	8-719-110-17	DIODE RD10ESB2	
C3236	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	D3209	8-719-110-17	DIODE RD10ESB2	
C3237	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	<IC>			
C3238	1-163-101-00	CERAMIC CHIP 22PF	5% 50V	IC3200	8-759-288-13	IC MSM51C262-ZS	
C3239	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	IC3201	8-759-093-29	IC MB86144BPF-G-BND	
C3240	1-163-101-00	CERAMIC CHIP 22PF	5% 50V	IC3202	8-759-093-28	IC MB40176PF-G-BND-EF	
C3241	1-163-103-00	CERAMIC CHIP 27PF	5% 50V	IC3203	8-759-093-28	IC MB40176PF-G-BND-EF	
C3242	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	IC3204	8-759-093-25	IC MB3512PFQ	
C3243	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	IC3205	8-759-243-19	IC TC7SU04F	
C3244	1-163-113-00	CERAMIC CHIP 68PF	5% 50V	<COIL>			
C3245	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	L3201	1-410-470-11	INDUCTOR 10UH	
C3246	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	L3202	1-408-424-00	INDUCTOR 180UH	
C3247	1-163-033-91	CERAMIC CHIP 0.022MF	50V				
C3248	1-163-125-00	CERAMIC CHIP 220PF	5% 50V				
C3249	1-163-117-00	CERAMIC CHIP 100PF	5% 50V				
C3250	1-163-113-00	CERAMIC CHIP 68PF	5% 50V				
C3251	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V				



REF NO.	PART NO	DESCRIPTION	REMARK
L3203	1-408-424-00	INDUCTOR 180UH	
L3204	1-410-476-11	INDUCTOR 33UH	
L3205	1-410-470-11	INDUCTOR 10UH	
L3206	1-410-387-11	INDUCTOR 33UH	
L3207	1-410-387-11	INDUCTOR 33UH	
L3208	1-410-387-11	INDUCTOR 33UH	
L3209	1-410-387-11	INDUCTOR 33UH	
<TRANSISTOR>			
Q3201	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3202	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q3203	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3204	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3206	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q3207	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3208	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q3209	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3210	8-729-216-22	TRANSISTOR 2SA1162-G	
<RESISTOR>			
R3201	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R3202	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3203	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3204	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3205	1-216-121-91	METAL GLAZE 1M	5% 1/10W
R3207	1-216-295-91	CONDUCTOR, CHIP	
R3208	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R3209	1-216-079-00	METAL GLAZE 18K	5% 1/10W
R3210	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R3211	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3212	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3213	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R3214	1-216-121-91	METAL GLAZE 1M	5% 1/10W
R3215	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R3216	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R3217	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R3218	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3219	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3220	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3221	1-216-655-11	METAL CHIP 1 5K	0 50% 1/10W
R3222	1-216-655-11	METAL CHIP 1.5K	0 50% 1/10W
R3223	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3224	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3225	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3226	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R3227	1-216-647-11	METAL CHIP 680	0 50% 1/10W
R3228	1-216-045-00	METAL GLAZE 680	5% 1/10W
R3229	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3230	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3231	1-216-001-00	METAL GLAZE 10	5% 1/10W
R3232	1-216-083-00	METAL GLAZE 27K	5% 1/10W
R3233	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3234	1-216-651-11	METAL CHIP 1K	0 50% 1/10W
R3235	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3236	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R3237	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3238	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3239	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3241	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R3242	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3243	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3244	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3245	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3246	1-216-069-00	METAL GLAZE 6 8K	5% 1/10W
R3247	1-216-063-91	METAL GLAZE 3 9K	5% 1/10W
R3248	1-216-295-91	CONDUCTOR, CHIP	
R3249	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W

REF NO	PART NO.	DESCRIPTION	REMARK
R3250	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3251	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3252	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3253	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R3254	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3255	1-216-041-00	METAL GLAZE 470	5% 1/10W
R3256	1-216-043-91	METAL GLAZE 560	5% 1/10W
R3259	1-216-298-00	METAL GLAZE 2 2	5% 1/10W
R3260	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3263	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3264	1-216-025-91	METAL GLAZE 100	5% 1/10W
R3265	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3266	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R3267	1-216-055-00	METAL GLAZE 1 8K	5% 1/10W
R3268	1-216-053-00	METAL GLAZE 1 5K	5% 1/10W
R3269	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R3270	1-216-657-11	METAL CHIP 1 8K	0 50% 1/10W
R3271	1-216-655-11	METAL CHIP 1 5K	0.50% 1/10W
R3273	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R3274	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3275	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3276	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R3277	1-216-298-00	METAL GLAZE 2 2	5% 1/10W
<CRYSTAL>			
X3201	1-567-878-11	VIBRATOR, CRYSTAL	
X3202	1-567-878-11	VIBRATOR, CRYSTAL	

* A-1297-605-A A BOARD, COMPLETE (KP-46S17/53S17)			

* A-1297-813-A A BOARD, COMPLETE (KP-46S25/53S25)			

* A-1297-814-A A BOARD, COMPLETE (KP-41T25)			

4-365-216-00 SPACER, MICA			
4-382-854-11 SCREW (M3X10), P, SW (+)			
7-322-065-19 RUBBER, SILICON RTV (KE490W)			
(KP-41T25/46S25/53S25)			
<CAPACITOR>			
C201	1-104-665-11	ELECT	100MF 20% 25V
C202	1-102-125-00	CERAMIC	0 0047MF 10% 50V
C203	1-130-489-00	FILM	0 033MF 5% 50V
C204	1-124-902-00	ELECT	0 47MF 20% 50V
C205	1-104-665-11	ELECT	100MF 20% 25V
C206	1-124-902-00	ELECT	0 47MF 20% 50V
C207	1-124-903-11	ELECT	1MF 20% 50V
C208	1-124-768-11	ELECT	4 7MF 20% 50V
C209	1-124-903-11	ELECT	1MF 20% 50V
C210	1-102-125-00	CERAMIC	0 0047MF 10% 50V
C211	1-130-489-00	FILM	0.033MF 5% 50V
C212	1-124-768-11	ELECT	4 7MF 20% 50V
C220	1-126-964-11	ELECT	10MF 20% 50V
C221	1-126-964-11	ELECT	10MF 20% 50V
C222	1-126-964-11	ELECT	10MF 20% 50V
C223	1-126-964-11	ELECT	10MF 20% 50V
C226	1-104-665-11	ELECT	100MF 20% 25V
C232	1-104-664-11	ELECT	47MF 20% 25V
C233	1-104-664-11	ELECT	47MF 20% 25V
C234	1-104-664-11	ELECT	47MF 20% 25V
C236	1-124-902-00	ELECT	0 47MF 20% 50V
C238	1-104-665-11	ELECT	100MF 20% 25V
C239	1-126-943-11	ELECT	2200MF 20% 25V

- 93 -

A

Les composants identifiés par
une trame et une marque Δ
sont critiques pour la sécurité
Ne les remplacer que par une
pièce portant le numéro spécifié

The components identified by
shading and mark Δ are critical
for safety
Replace only with part number
specified

REF. NO	PART NO	DESCRIPTION	REMARK
<RESISTOR>			
R201	1-249-429-11	CARBON 10K 5%	1/4W
R203	1-249-429-11	CARBON 10K 5%	1/4W
R204	1-249-429-11	CARBON 10K 5%	1/4W
R205	1-249-429-11	CARBON 10K 5%	1/4W
R207	1-249-431-11	CARBON 15K 5%	1/4W
R208	1-249-429-11	CARBON 10K 5%	1/4W
R209	1-249-431-11	CARBON 15K 5%	1/4W
R210	1-247-815-91	CARBON 220 5%	1/4W
R211	1-249-429-11	CARBON 10K 5%	1/4W
R212	1-249-441-11	CARBON 100K 5%	1/4W
R213	1-249-441-11	CARBON 100K 5%	1/4W
R214	1-247-815-91	CARBON 220 5%	1/4W
R215	1-249-441-11	CARBON 100K 5%	1/4W
R216	1-249-441-11	CARBON 100K 5%	1/4W
R217	1-247-807-31	CARBON 100 5%	1/4W
R218	1-247-807-31	CARBON 100 5%	1/4W
R219	1-249-417-11	CARBON 1K 5%	1/4W
R220	1-249-429-11	CARBON 10K 5%	1/4W
R221	1-249-437-11	CARBON 47K 5%	1/4W
R222	1-249-417-11	CARBON 1K 5%	1/4W
R223	1-249-429-11	CARBON 10K 5%	1/4W
R224	1-249-429-11	CARBON 10K 5%	1/4W
R230	1-249-430-11	CARBON 12K 5%	1/4W
R231	1-249-429-11	CARBON 10K 5%	1/4W
R233	1-249-429-11	CARBON 10K 5%	1/4W
R234	1-249-441-11	CARBON 100K 5%	1/4W
R235	1-249-414-11	CARBON 560 5%	1/4W
R236	1-249-432-11	CARBON 18K 5%	1/4W
R237	1-249-414-11	CARBON 560 5%	1/4W
R238	1-249-431-11	CARBON 15K 5%	1/4W
R239	1-249-430-11	CARBON 12K 5%	1/4W
R241	1-249-439-11	CARBON 68K 5%	1/4W
R242	1-249-432-11	CARBON 18K 5%	1/4W
R243	1-247-863-91	CARBON 22K 5%	1/4W
R244	1-247-863-91	CARBON 22K 5%	1/4W
R246	1-247-863-91	CARBON 22K 5%	1/4W
R247	1-249-430-11	CARBON 12K 5%	1/4W
R249	1-247-807-31	CARBON 100 5%	1/4W
R250	1-249-417-11	CARBON 1K 5%	1/4W
R251	1-249-437-11	CARBON 47K 5%	1/4W
R252	1-249-417-11	CARBON 1K 5%	1/4W
R255	1-249-429-11	CARBON 10K 5%	1/4W
R257	1-249-429-11	CARBON 10K 5%	1/4W
R258	1-249-429-11	CARBON 10K 5%	1/4W
R259	1-216-357-00	METAL OXIDE 4 7 5%	1W F
R260	1-216-357-00	METAL OXIDE 4 7 5%	1W F
R501	1-249-421-11	CARBON 2 2K 5%	1/4W
R502	1-249-429-11	CARBON 10K 5%	1/4W
R503	1-249-441-11	CARBON 100K 5%	1/4W
R504	1-249-429-11	CARBON 10K 5%	1/4W
R505	1-215-437-00	METAL 4 7K 1%	1/4W
R506	1-215-433-00	METAL 3 3K 1%	1/4W
R507	1-249-407-11	CARBON 150 5%	1/4W
R508	1-249-421-11	CARBON 2 2K 5%	1/4W
R509	1-249-423-11	CARBON 3 3K 5%	1/4W
R510	1-249-417-11	CARBON 1K 5%	1/4W
R511	1-247-895-91	CARBON 470K 5%	1/4W
R512	1-215-925-11	METAL OXIDE 22K 5%	3W F
R513	1-215-900-11	METAL OXIDE 22K 5%	2W F
R514	1-249-421-11	CARBON 2 2K 5%	1/4W F
R515	1-215-925-11	METAL OXIDE 22K 5%	3W F
R516	1-249-430-11	CARBON 12K 5%	1/4W F
R517	1-249-429-11	CARBON 10K 5%	1/4W
R518	1-249-427-11	CARBON 6 8K 5%	1/4W F
R519	1-249-417-11	CARBON 1K 5%	1/4W
R520	1-249-423-11	CARBON 3.3K 5%	1/4W F
R521	1-249-437-11	CARBON 47K 5%	1/4W

REF. NO.	PART NO	DESCRIPTION	REMARK
R522	1-249-417-11	CARBON 1K 5%	1/4W F
R523	1-249-426-11	CARBON 5 6K 5%	1/4W F
R524	1-215-925-11	METAL OXIDE 22K 5%	3W F
R525	1-216-373-11	METAL OXIDE 2 2 5%	2W F
R526	1-216-478-11	METAL OXIDE 390 5%	3W F
R528	1-216-475-11	METAL OXIDE 120 5%	3W F
R528	1-216-477-11	METAL OXIDE 270 5%	3W F
R529	1-215-912-11	METAL OXIDE 150 5%	3W F
R529	1-216-477-11	METAL OXIDE 270 5%	3W F
R530	1-216-475-11	METAL OXIDE 120 5%	3W F
R530	1-216-477-11	METAL OXIDE 270 5%	3W F
R531	1-215-912-11	METAL OXIDE 150 5%	3W F
R531	1-216-477-11	METAL OXIDE 270 5%	3W F
R532	1-215-442-00	METAL 7 5K 1%	1/4W
R533	1-215-443-00	METAL 8 2K 1%	1/4W
R534	1-215-437-00	METAL 4 7K 1%	1/4W
R1001	1-215-900-11	METAL OXIDE 22K 5%	2W F
R1002	1-215-900-11	METAL OXIDE 22K 5%	2W F
R1003	1-249-411-11	CARBON 330 5%	1/4W
R1004	1-249-434-11	CARBON 27K 5%	1/4W
R1005	1-249-436-11	CARBON 39K 5%	1/4W
R1006	1-249-434-11	CARBON 27K 5%	1/4W
R1007	1-249-425-11	CARBON 4 7K 5%	1/4W
R1008	1-247-807-31	CARBON 100 5%	1/4W
R1010	1-249-411-11	CARBON 330 5%	1/4W
R1011	1-249-425-11	CARBON 4 7K 5%	1/4W
R1012	1-249-425-11	CARBON 4 7K 5%	1/4W
R1013	1-247-807-31	CARBON 100 5%	1/4W
R1014	1-249-436-11	CARBON 39K 5%	1/4W
R1016	1-247-807-31	CARBON 100 5%	1/4W
R1017	1-249-417-11	CARBON 1K 5%	1/4W
R1018	1-215-432-00	METAL 3K 1%	1/4W
R1019	1-249-441-11	CARBON 100K 5%	1/4W

<TRANSFORMER>

T501 1-437-078-00 TRANSFORMER, HORIZONTAL DRIVE

<TUNER>

TU1001 Δ 8-598-047-11 TUNER (BTF-LA401)

(KP-41T25/46S25/53S25)

TU1002 Δ 8-598-254-00 TUNER (BTF-WA402)

REF. NO	PART NO	DESCRIPTION			REMARK
C074	1-104-661-91	ELECT	330MF	20%	16V
C075	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C302	1-124-902-00	ELECT	0 47MF	20%	50V
C303	1-124-902-00	ELECT	0 47MF	20%	50V
C304	1-126-963-11	ELECT	4 7MF	20%	50V
C309	1-163-019-00	CERAMIC CHIP	0 0068MF	10%	50V
C310	1-163-017-00	CERAMIC CHIP	0 0047MF	10%	50V
C311	1-124-925-11	ELECT	2 2MF	20%	50V
C312	1-163-017-00	CERAMIC CHIP	0 0047MF	10%	50V
C313	1-104-664-11	ELECT	47MF	20%	25V
C314	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C315	1-126-934-11	ELECT	220MF	20%	16V
C316	1-131-374-00	TANTALUM	33MF	10%	16V
C317	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C318	1-124-925-11	ELECT	2 2MF	20%	50V
C319	1-124-903-11	ELECT	1MF	20%	50V
C320	1-124-903-11	ELECT	1MF	20%	50V
C321	1-163-017-00	CERAMIC CHIP	0 0047MF	10%	50V
C323	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C324	1-126-965-11	ELECT	22MF	20%	50V
C327	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
C328	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C329	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C338	1-126-963-11	ELECT	4 7MF	20%	50V
C339	1-124-464-11	ELECT	0.22MF	20%	50V
C340	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C341	1-124-902-00	ELECT	0 47MF	20%	50V
C342	1-124-902-00	ELECT	0 47MF	20%	50V
C343	1-124-902-00	ELECT	0 47MF	20%	50V
C344	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C345	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C346	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C347	1-124-902-00	ELECT	0 47MF	20%	50V
C348	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C349	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C350	1-126-964-11	ELECT	10MF	20%	50V
					(KP-41T25)
C352	1-163-031-11	CERAMIC CHIP	0 01MF		50V
C353	1-104-665-11	ELECT	100MF	20%	25V
C354	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
					(KP-41T25)
C355	1-126-965-11	ELECT	22MF	20%	50V
					(KP-41T25)
C357	1-104-664-11	ELECT	47MF	20%	25V
					(KP-41T25)
C358	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
					(KP-41T25)
C359	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
					(KP-41T25)
C360	1-126-964-11	ELECT	10MF	20%	50V
					(KP-41T25)
C361	1-126-964-11	ELECT	10MF	20%	50V
					(KP-41T25)
C362	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
					(KP-41T25)
C363	1-163-009-11	CERAMIC CHIP	0 001MF	10%	50V
					(KP-41T25)
C364	1-126-964-11	ELECT	10MF	20%	50V
					(KP-41T25)
C365	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
					(KP-41T25)
C366	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C368	1-163-227-11	CERAMIC CHIP	10PF	0 5PF	50V
C369	1-163-809-11	CERAMIC CHIP	0 047MF	10%	25V
C370	1-104-665-11	ELECT	100MF	20%	25V
C371	1-104-665-11	ELECT	100MF	20%	25V
		<CHIP CONDUCTOR>			
CJ001	1-216-295-91	CONDUCTOR, CHIP			

M

REF. NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
CJ002	1-216-295-91	CONDUCTOR, CHIP		IC004	8-759-328-12	IC Z8622812PSC	
CJ003	1-216-295-91	CONDUCTOR, CHIP		IC005	8-759-370-31	IC ST24C01FB6	
<CONNECTOR>				IC006	8-759-403-44	IC MN1280-S	
CN046	* 1-564-512-11	PLUG, CONNECTOR 9P		IC301	8-752-063-50	IC CXA1477AS	
CN052	* 1-564-507-11	PLUG, CONNECTOR 4P	(KP-41T25/46S25/53S25)	IC302	8-759-231-53	IC TA7805S	
CN053	* 1-564-507-11	PLUG, CONNECTOR 4P		<COIL>			
CN054	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P		L003	1-410-470-11	INDUCTOR 10UH	
CN304	* 1-564-512-11	PLUG, CONNECTOR 9P		L004	1-410-476-11	INDUCTOR 33UH	
CN314	* 1-564-509-11	PLUG, CONNECTOR 6P (KP-41T25)		L005	1-410-470-11	INDUCTOR 10UH	
CN321	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P		L006	1-410-470-11	INDUCTOR 10UH	
CN322	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P		L302	1-408-413-00	INDUCTOR 22UH (KP-41T25)	
CN351	* 1-564-509-11	PLUG, CONNECTOR 6P		L303	1-408-416-00	INDUCTOR 39UH (KP-41T25)	
CN355	* 1-565-930-11	CONNECTOR (RECEPTACLE) 30P		L304	1-410-468-11	INDUCTOR 6 8UH	
CN356	* 1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)		<TRANSISTOR>			
CN357	* 1-564-516-11	PLUG, CONNECTOR 13P		Q001	8-729-216-22	TRANSISTOR 2SA1162-G	
CN358	* 1-564-508-11	PLUG, CONNECTOR 5P		Q002	8-729-422-27	TRANSISTOR 2SD601A-Q	
<DIODE>				Q003	8-729-422-27	TRANSISTOR 2SD601A-Q	
D001	8-719-404-46	DIODE MA110		Q004	8-729-216-22	TRANSISTOR 2SA1162-G	
D002	8-719-404-46	DIODE MA110		Q005	8-729-422-27	TRANSISTOR 2SD601A-Q	
D003	8-719-404-46	DIODE MA110		Q006	8-729-422-27	TRANSISTOR 2SD601A-Q	
D004	8-719-109-89	DIODE RD5 6ESB2		Q007	8-729-216-22	TRANSISTOR 2SA1162-G	
D005	8-719-109-89	DIODE RD5 6ESB2		Q008	8-729-216-22	TRANSISTOR 2SA1162-G	
D006	8-719-109-89	DIODE RD5 6ESB2		Q009	8-729-422-27	TRANSISTOR 2SD601A-Q	
D007	8-719-109-89	DIODE RD5 6ESB2		Q010	8-729-216-22	TRANSISTOR 2SA1162-G	
D008	8-719-002-81	DIODE 1T363		Q011	8-729-216-22	TRANSISTOR 2SA1162-G	
D009	8-719-404-46	DIODE MA110		Q012	8-729-422-27	TRANSISTOR 2SD601A-Q	
D010	8-719-404-46	DIODE MA110		Q013	8-729-216-22	TRANSISTOR 2SA1162-G	(KP-41T25/46S25/53S25)
D011	8-719-404-46	DIODE MA110		Q014	8-729-216-22	TRANSISTOR 2SA1162-G	(KP-41T25/46S25/53S25)
D012	8-719-404-46	DIODE MA110		Q015	8-729-422-27	TRANSISTOR 2SD601A-Q	(KP-41T25/46S25/53S25)
D013	8-719-404-46	DIODE MA110		Q016	8-729-216-22	TRANSISTOR 2SA1162-G	(KP-41T25/46S25/53S25)
D014	8-719-404-46	DIODE MA110		Q017	8-729-422-27	TRANSISTOR 2SD601A-Q	
D015	8-719-404-46	DIODE MA110		Q018	8-729-216-22	TRANSISTOR 2SA1162-G	
D016	8-719-404-46	DIODE MA110		Q019	8-729-422-27	TRANSISTOR 2SD601A-Q	
D017	8-719-404-46	DIODE MA110		Q301	8-729-216-22	TRANSISTOR 2SA1162-G	
D018	8-719-404-46	DIODE MA110		Q302	8-729-216-22	TRANSISTOR 2SA1162-G	
D019	8-719-404-46	DIODE MA110		Q303	8-729-216-22	TRANSISTOR 2SA1162-G	
D020	8-719-105-91	DIODE RD5 6M-B2		Q304	8-729-216-22	TRANSISTOR 2SA1162-G	
D305	8-719-923-60	DIODE MTZJ-T-77-9 1A		Q305	8-729-422-27	TRANSISTOR 2SD601A-Q	
D307	8-719-923-60	DIODE MTZJ-T-77-9 1A		Q307	8-729-422-27	TRANSISTOR 2SD601A-Q	
D308	8-719-110-22	DIODE RD1IESB2		Q308	8-729-216-22	TRANSISTOR 2SA1162-G	
D309	8-719-109-84	DIODE RD5 1ESB1		Q309	8-729-216-22	TRANSISTOR 2SA1162-G	
D310	8-719-914-44	DIODE DAP202K		Q310	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D311	8-719-914-43	DIODE DAN202K		Q311	8-729-422-27	TRANSISTOR 2SD601A-Q	
D312	8-719-404-46	DIODE MA110		Q312	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D313	8-719-404-46	DIODE MA110		Q313	8-729-422-27	TRANSISTOR 2SD601A-Q	
D314	8-719-404-46	DIODE MA110		Q314	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D315	8-719-109-89	DIODE RD5 6ESB2		Q315	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D316	8-719-404-46	DIODE MA110		Q316	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D317	8-719-110-22	DIODE RD1IESB2		Q317	8-729-216-22	TRANSISTOR 2SA1162-G (KP-41T25)	
D320	8-719-404-46	DIODE MA110 (KP-41T25)		Q318	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D321	8-719-404-46	DIODE MA110 (KP-41T25)		Q319	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D322	8-719-404-46	DIODE MA110 (KP-41T25)		Q320	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D323	8-719-404-46	DIODE MA110 (KP-41T25)		Q321	8-729-422-27	TRANSISTOR 2SD601A-Q (KP-41T25)	
D324	8-719-404-46	DIODE MA110 (KP-41T25)		Q322	8-729-422-27	TRANSISTOR 2SD601A-Q	
D325	8-719-404-46	DIODE MA110 (KP-41T25)		<RESISTOR>			
D326	8-719-110-08	DIODE RD8 2ESB2		R001	1-216-049-91	METAL GLAZE 1K	5% 1/10W
D327	8-719-404-46	DIODE MA110		R002	1-216-049-91	METAL GLAZE 1K	5% 1/10W
D328	8-719-991-33	DIODE 1SS133T-77		R003	1-216-033-00	METAL GLAZE 220	5% 1/10W
<IC>				R004	1-216-033-00	METAL GLAZE 220	5% 1/10W
IC001	8-759-112-06	IC uPC78N05H		R005	1-216-033-00	METAL GLAZE 220	5% 1/10W
IC002	8-752-859-03	IC CXP85332A-056S					
IC003	8-759-370-33	IC ST24C04FB6					

REF. NO	PART NO	DESCRIPTION	REMARK	REF. NO	PART NO	DESCRIPTION	REMARK
R006	1-216-033-00	METAL GLAZE 220	5% 1/10W	R075	1-216-069-00	METAL GLAZE 6 8K	5% 1/10W
R007	1-216-033-00	METAL GLAZE 220	5% 1/10W	R076	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R008	1-216-033-00	METAL GLAZE 220	5% 1/10W	R077	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R009	1-216-033-00	METAL GLAZE 220	5% 1/10W	R078	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R010	1-216-073-00	METAL GLAZE 10K	5% 1/10W				
R011	1-216-033-00	METAL GLAZE 220	5% 1/10W	R079	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R012	1-216-033-00	METAL GLAZE 220	5% 1/10W	R080	1-216-023-00	METAL GLAZE 82	5% 1/10W
R013	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R081	1-216-041-00	METAL GLAZE 470	5% 1/10W
R014	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R082	1-216-093-00	METAL GLAZE 68K	5% 1/10W
R015	1-216-033-00	METAL GLAZE 220	5% 1/10W	R083	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R016	1-216-033-00	METAL GLAZE 220	5% 1/10W	R084	1-216-073-00	METAL GLAZE 10K	5% 1/10W
		(KP-41T25/46S25/53S25)		R085	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R017	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R086	1-216-097-91	METAL GLAZE 100K	5% 1/10W
		(KP-41T25/46S25/53S25)		R087	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R018	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R088	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R019	1-216-033-00	METAL GLAZE 220	5% 1/10W	R089	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R020	1-216-033-00	METAL GLAZE 220	5% 1/10W	R090	1-216-073-00	METAL GLAZE 10K	5% 1/10W
				R091	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R021	1-216-033-00	METAL GLAZE 220	5% 1/10W			(KP-41T25/46S25/53S25)	
R022	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R092	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R023	1-216-121-91	METAL GLAZE 1M	5% 1/10W			(KP-41T25/46S25/53S25)	
R024	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R093	1-216-295-91	CONDUCTOR, CHIP	(KP-41T25/46S25/53S25)
R025	1-216-073-00	METAL GLAZE 10K	5% 1/10W				
R026	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R094	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R027	1-216-089-91	METAL GLAZE 47K	5% 1/10W			(KP-41T25/46S25/53S25)	
R028	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R095	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R029	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W			(KP-41T25/46S25/53S25)	
R031	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R096	1-216-081-00	METAL GLAZE 22K	5% 1/10W
						(KP-41T25/46S25/53S25)	
R032	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R097	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R033	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W			(KP-41T25/46S25/53S25)	
R034	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R098	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R035	1-216-033-00	METAL GLAZE 220	5% 1/10W			(KP-41T25/46S25/53S25)	
R036	1-216-025-91	METAL GLAZE 100	5% 1/10W				
R037	1-216-033-00	METAL GLAZE 220	5% 1/10W	R099	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R038	1-216-033-00	METAL GLAZE 220	5% 1/10W			(KP-41T25/46S25/53S25)	
R039	1-216-025-91	METAL GLAZE 100	5% 1/10W	R100	1-216-295-91	CONDUCTOR, CHIP	(KP-41T25/46S25/53S25)
R040	1-216-033-00	METAL GLAZE 220	5% 1/10W	R101	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R041	1-216-033-00	METAL GLAZE 220	5% 1/10W	R102	1-216-089-91	METAL GLAZE 47K	5% 1/10W
				R103	1-216-045-00	METAL GLAZE 680	5% 1/10W
R042	1-216-033-00	METAL GLAZE 220	5% 1/10W				
R043	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R104	1-216-033-00	METAL GLAZE 220	5% 1/10W
R044	1-216-089-91	METAL GLAZE 47K	5% 1/10W	R106	1-216-033-00	METAL GLAZE 220	5% 1/10W
R045	1-216-033-00	METAL GLAZE 220	5% 1/10W	R107	1-216-033-00	METAL GLAZE 220	5% 1/10W
R046	1-216-033-00	METAL GLAZE 220	5% 1/10W	R108	1-216-033-00	METAL GLAZE 220	5% 1/10W
				R109	1-216-033-00	METAL GLAZE 220	5% 1/10W
R047	1-216-033-00	METAL GLAZE 220	5% 1/10W				
R048	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R110	1-216-033-00	METAL GLAZE 220	5% 1/10W
R049	1-216-033-00	METAL GLAZE 220	5% 1/10W	R111	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R050	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R112	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R051	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R113	1-216-089-91	METAL GLAZE 47K	5% 1/10W
				R114	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R052	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W				
R054	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R115	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R055	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R116	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R056	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R117	1-216-047-91	METAL GLAZE 820	5% 1/10W
R057	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W	R118	1-216-047-91	METAL GLAZE 820	5% 1/10W
				R119	1-216-047-91	METAL GLAZE 820	5% 1/10W
R058	1-216-073-00	METAL GLAZE 10K	5% 1/10W				
R059	1-216-295-91	CONDUCTOR, CHIP		R120	1-216-033-00	METAL GLAZE 220	5% 1/10W
R060	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R300	1-216-025-91	METAL GLAZE 100	5% 1/10W
R061	1-216-033-00	METAL GLAZE 220	5% 1/10W	R301	1-216-059-00	METAL GLAZE 2 7K	5% 1/10W
		(KP-41T25/46S25/53S25)		R302	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R062	1-216-085-00	METAL GLAZE 33K	5% 1/10W	R303	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R063	1-216-041-00	METAL GLAZE 470	5% 1/10W	R304	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R064	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R305	1-216-025-91	METAL GLAZE 100	5% 1/10W
R065	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R306	1-216-025-91	METAL GLAZE 100	5% 1/10W
R066	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R307	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R067	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R308	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R068	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R309	1-216-025-91	METAL GLAZE 100	5% 1/10W
R069	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R310	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R071	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R311	1-216-025-91	METAL GLAZE 100	5% 1/10W
R072	1-216-041-00	METAL GLAZE 470	5% 1/10W	R312	1-216-033-00	METAL GLAZE 220	5% 1/10W
R073	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R313	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R074	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R314	1-216-033-00	METAL GLAZE 220	5% 1/10W
				R315	1-216-067-00	METAL GLAZE 5 6K	5% 1/10W
				R317	1-216-033-00	METAL GLAZE 220	5% 1/10W



Les composants identifiés par
 une trame et une marque Δ
 sont critiques pour la sécurité
 Ne les remplacer que par une
 pièce portant le numéro spécifié

The componants identified by
 shading and mark Δ are critical
 for safety
 Replace only with part number
 specified

REF NO.	PART NO	DESCRIPTION	REMARK
R318	1-216-071-00	METAL GLAZE 8 2K	5% 1/10W
R319	1-216-190-00	METAL GLAZE 470	5% 1/8W
R320	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W
R321	1-216-190-00	METAL GLAZE 470	5% 1/8W
R323	1-216-295-91	CONDUCTOR, CHIP	
R324	1-216-025-91	METAL GLAZE 100	5% 1/10W
R325	1-216-043-91	METAL GLAZE 560	5% 1/10W
R326	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R327	1-216-033-00	METAL GLAZE 220	5% 1/10W
R328	1-216-025-91	METAL GLAZE 100	5% 1/10W
R329	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R330	1-216-039-00	METAL GLAZE 390	5% 1/10W
R331	1-216-059-00	METAL GLAZE 2 7K	5% 1/10W
R332	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R333	1-208-810-11	METAL CHIP 15K	0 50% 1/10W
R335	1-216-033-00	METAL GLAZE 220	5% 1/10W
R336	1-216-033-00	METAL GLAZE 220	5% 1/10W
R337	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R338	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R339	1-216-655-11	METAL CHIP 1 5K	0 50% 1/10W
R340	1-216-033-00	METAL GLAZE 220	5% 1/10W
R341	1-216-033-00	METAL GLAZE 220	5% 1/10W
R342	1-216-033-00	METAL GLAZE 220	5% 1/10W
R343	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R344	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R345	1-216-025-91	METAL GLAZE 100	5% 1/10W
R346	1-216-037-00	METAL GLAZE 330	5% 1/10W
R347	1-216-041-00	METAL GLAZE 470	5% 1/10W
R348	1-216-049-91	METAL GLAZE 1K	5% 1/10W (KP-41T25)
R349	1-216-033-00	METAL GLAZE 220	5% 1/10W
R350	1-216-033-00	METAL GLAZE 220	5% 1/10W
R351	1-216-033-00	METAL GLAZE 220	5% 1/10W
R352	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W (KP-41T25)
R353	1-216-069-00	METAL GLAZE 6 8K	5% 1/10W (KP-41T25)
R354	1-216-053-00	METAL GLAZE 1 5K	5% 1/10W
R355	1-216-071-00	METAL GLAZE 8 2K	5% 1/10W
R356	1-216-031-00	METAL GLAZE 180	5% 1/10W (KP-41T25)
R357	1-216-031-00	METAL GLAZE 180	5% 1/10W (KP-41T25)
R358	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R359	1-216-037-00	METAL GLAZE 330	5% 1/10W (KP-41T25)
R360	1-216-035-00	METAL GLAZE 270	5% 1/10W
R361	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R362	1-216-035-00	METAL GLAZE 270	5% 1/10W (KP-41T25)
R363	1-216-049-91	METAL GLAZE 1K	5% 1/10W (KP-41T25)
R364	1-216-025-91	METAL GLAZE 100	5% 1/10W (KP-41T25)
R366	1-216-053-00	METAL GLAZE 1 5K	5% 1/10W (KP-41T25)
R367	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W (KP-41T25)
R368	1-216-025-91	METAL GLAZE 100	5% 1/10W (KP-41T25)
R369	1-216-061-00	METAL GLAZE 3 3K	5% 1/10W (KP-41T25)
R370	1-216-033-00	METAL GLAZE 220	5% 1/10W
R371	1-216-049-91	METAL GLAZE 1K	5% 1/10W (KP-41T25)
R372	1-216-051-00	METAL GLAZE 1 2K	5% 1/10W (KP-41T25)
R373	1-216-035-00	METAL GLAZE 270	5% 1/10W (KP-41T25)
R374	1-216-085-00	METAL GLAZE 33K	5% 1/10W (KP-41T25)

REF NO	PART NO	DESCRIPTION	REMARK
R375	1-216-075-00	METAL GLAZE 12K	5% 1/10W (KP-41T25)
R376	1-216-093-00	METAL GLAZE 68K	5% 1/10W (KP-41T25)
R377	1-216-043-91	METAL GLAZE 560	5% 1/10W (KP-41T25)
R378	1-216-059-00	METAL GLAZE 2 7K	5% 1/10W (KP-41T25)
R379	1-216-083-00	METAL GLAZE 27K	5% 1/10W (KP-41T25)
R380	1-216-097-91	METAL GLAZE 100K	5% 1/10W (KP-41T25)
R381	1-216-071-00	METAL GLAZE 8 2K	5% 1/10W (KP-41T25)
R382	1-216-085-00	METAL GLAZE 33K	5% 1/10W (KP-41T25)
R383	1-216-043-91	METAL GLAZE 560	5% 1/10W (KP-41T25)
R384	1-216-053-00	METAL GLAZE 1 5K	5% 1/10W (KP-41T25)
R385	1-216-085-00	METAL GLAZE 33K	5% 1/10W (KP-41T25)
R386	1-216-121-91	METAL GLAZE 1M	5% 1/10W (KP-41T25)
R387	1-216-049-91	METAL GLAZE 1K	5% 1/10W (KP-41T25)
R388	1-216-025-91	METAL GLAZE 100	5% 1/10W (KP-41T25)
R389	1-216-033-00	METAL GLAZE 220	5% 1/10W (KP-41T25)
R390	1-216-033-00	METAL GLAZE 220	5% 1/10W
R391	1-216-061-00	METAL GLAZE 3 3K	5% 1/10W
R392	1-216-059-00	METAL GLAZE 2 7K	5% 1/10W
R393	1-216-049-91	METAL GLAZE 1K	5% 1/10W (KP-41T25)
R394	1-216-295-91	CONDUCTOR, CHIP	

<CRYSTAL>

X001	1-579-917-11	VIBRATOR, CRYSTAL
X301	1-577-611-11	OSCILATOR, CERAMIC
X302	1-567-505-11	OSCILLATOR, CRYSTAL

* A-1316-212-A G BOARD, COMPLETE

* 4-047-936-01 PLATE, SHIELD, PIT

<CAPACITOR>

C601	Δ 1-136-311-51	FILM	0.47MF	20%	125V
C602	Δ 1-113-920-91	ELECT	0.0022MF	20%	250V
C603	Δ 1-113-920-91	ELECT	0.0022MF	20%	250V
C604	Δ 1-125-692-11	ELECT(BLOCK)	820MF	20%	200V
C605	Δ 1-125-692-11	ELECT(BLOCK)	820MF	20%	200V
C608	1-164-645-11	CERAMIC	1000PF	10%	500V
C609	1-164-645-11	CERAMIC	1000PF	10%	500V
C610	1-136-173-00	FILM	0.47MF	5%	50V
C611	1-136-171-00	FILM	0.33MF	5%	50V
C612	1-136-173-00	FILM	0.47MF	5%	50V
C613	1-136-171-00	FILM	0.33MF	5%	50V
C614	1-164-735-11	CAPACITOR	0.0015MF	10%	500V
C615	1-129-720-00	FILM	0.033MF	5%	630V
C616	Δ 1-136-311-51	FILM	0.47MF	20%	125V
C618	Δ 1-113-910-91	ELECT	470PF	10%	250V
C619	Δ 1-113-910-91	ELECT	470PF	10%	250V
C651	1-128-548-11	ELECT	4700MF	20%	25V
C652	1-128-548-11	ELECT	4700MF	20%	25V
C653	1-162-318-11	CERAMIC	0.001MF	10%	500V

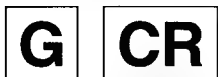
The components identified by shading and mark Δ are critical for safety
Replace only with part number specified

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité
Ne les remplacer que par une pièce portant le numéro spécifié

G

REF. NO.	PART NO	DESCRIPTION	REMARK
C656	1-128-548-11	ELECT 4700MF 20% 25V	
C657	1-126-926-11	ELECT 1000MF 20% 10V	
C658	1-126-768-11	ELECT 2200MF 20% 16V	
C659	1-126-944-11	ELECT 3300MF 20% 25V	
C660	1-164-644-11	CERAMIC 330PF 10% 500V	
C661	1-123-024-21	ELECT 33MF 160V	
C662	1-107-636-11	ELECT 10MF 20% 160V	
C663	1-126-948-11	ELECT 100MF 20% 35V	
C664	1-126-235-11	ELECT 100MF 20% 6 3V	
C665	1-126-964-11	ELECT 10MF 20% 50V	
C667	1-126-951-11	ELECT 470MF 20% 35V	
C668	1-104-664-11	ELECT 47MF 20% 25V	
C669	1-162-318-11	CERAMIC 0 001MF 10% 500V	
C670	1-104-664-11	ELECT 47MF 20% 25V	
C671	1-104-664-11	ELECT 47MF 20% 25V	
C672	1-104-665-11	ELECT 100MF 20% 25V	
C673	1-104-664-11	ELECT 47MF 20% 25V	
C674	1-104-664-11	ELECT 47MF 20% 25V	
C675	1-104-664-11	ELECT 47MF 20% 25V	
C676	1-104-664-11	ELECT 47MF 20% 25V	
C677	1-125-473-11	ELECT(BLOCK) 1000MF 20% 160V	
C678	1-107-635-11	ELECT 4 7MF 20% 160V	
C679	1-164-644-11	CERAMIC 330PF 10% 500V	
C680	1-124-903-11	ELECT 1MF 20% 50V	
C682	1-124-903-11	ELECT 1MF 20% 50V	
C683	1-107-635-11	ELECT 4 7MF 20% 160V	
C690	1-126-934-11	ELECT 220MF 20% 16V	
C691	1-126-964-11	ELECT 10MF 20% 50V	
<CONNECTOR>			
CN606	1-695-915-11	TAB (CONTACT)	
CN615	1-695-915-11	TAB (CONTACT)	
CN616	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN617	* 1-580-843-11	PIN, CONNECTOR (POWER)	
CN624	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN625	* 1-564-513-11	PLUG, CONNECTOR 10P	
CN626	* 1-564-506-11	PLUG, CONNECTOR 3P	
CN653	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN681	* 1-573-986-11	PIN, CONNECTOR (PC BOARD) 5P	
<DIODE>			
D601	Δ 8-719-052-29	DIODE LN4SB60-F	
D604	8-719-991-33	DIODE 1SS133T-77	
D605	8-719-991-33	DIODE 1SS133T-77	
D606	8-719-991-33	DIODE 1SS133T-77	
D607	8-719-991-33	DIODE 1SS133T-77	
D608	8-719-991-33	DIODE 1SS133T-77	
D609	8-719-991-33	DIODE 1SS133T-77	
D610	8-719-991-33	DIODE 1SS133T-77	
D611	8-719-991-33	DIODE 1SS133T-77	
D651	8-719-052-91	DIODE D4SBS4-F	
D655	8-719-052-92	DIODE D10SBS4F	
D656	8-719-022-97	DIODE D2S4MF	
D657	8-719-022-97	DIODE D2S4MF	
D658	8-719-022-97	DIODE D2S4MF	
D659	8-719-022-97	DIODE D2S4MF	
D660	8-719-052-86	DIODE D2L40-TA	
D661	8-719-052-86	DIODE D2L40-TA	
D662	8-719-052-31	DIODE D1NL40-TR2	
D663	8-719-052-31	DIODE D1NL40-TR2	
D664	8-719-510-26	DIODE D1NL20-TA	
D665	8-719-991-33	DIODE 1SS133T-77	
D666	8-719-110-58	DIODE RD2ESB3	
D667	8-719-921-80	DIODE MTZJ-11B	
D669	8-719-991-33	DIODE 1SS133T-77	
D670	8-719-110-41	DIODE RD1SES2	

REF NO	PART NO	DESCRIPTION	REMARK
D671	8-719-991-33	DIODE 1SS133T-77	
D672	8-719-109-54	DIODE RD2 2ESB2	
D673	8-719-110-49	DIODE RD18ESB2	
D674	8-719-991-33	DIODE 1SS133T-77	
D675	8-719-109-85	DIODE RD5 1ESB2	
D676	8-719-991-33	DIODE 1SS133T-77	
D677	8-719-991-33	DIODE 1SS133T-77	
D678	8-719-991-33	DIODE 1SS133T-77	
D679	8-719-991-33	DIODE 1SS133T-77	
D680	8-719-200-82	DIODE 11ES2	
D681	8-719-200-82	DIODE 11ES2	
D682	8-719-200-82	DIODE 11ES2	
D683	8-719-200-82	DIODE 11ES2	
D685	8-719-991-33	DIODE 1SS133T-77	
D686	8-719-991-33	DIODE 1SS133T-77	
D687	8-719-109-85	DIODE RD5 1ESB2	
D688	8-719-991-33	DIODE 1SS133T-77	
D689	8-719-991-33	DIODE 1SS133T-77	
D690	8-719-109-89	DIODE RD5 6ESB2	
D691	8-719-991-33	DIODE 1SS133T-77	
D693	8-719-991-33	DIODE 1SS133T-77	
<FUSE>			
F601	Δ 1-576-193-11	FUSE 6.3A/125V	
	1-533-223-11	CLIP, FUSE ; F601	
<FERRITE BEAD>			
FB651	1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
FB652	1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
<IC>			
IC651	Δ 1-810-051-21	POWER MODULE (DM-48)	
IC652	8-759-279-76	IC MCT7812CT	
<COIL>			
L651	1-403-588-11	CIL, CHOKE 22UH	
L652	1-403-588-11	CIL, CHOKE 22UH	
L653	1-412-519-11	INDUCTOR 3 3UH	
L654	1-403-588-11	CIL, CHOKE 22UH	
L655	1-403-588-11	CIL, CHOKE 22UH	
L656	1-412-519-11	INDUCTOR 3 3UH	
L657	1-403-588-11	CIL, CHOKE 22UH	
L658	1-403-588-11	CIL, CHOKE 22UH	
<TRANSISTOR>			
Q601	8-729-019-49	TRANSISTOR 2SC4834M	
Q602	8-729-019-49	TRANSISTOR 2SC4834M	
Q651	8-729-820-82	TRANSISTOR 2SA1208-S	
Q652	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q653	8-729-230-45	TRANSISTOR 2SC2458-YGR	
Q654	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q655	8-729-230-45	TRANSISTOR 2SC2458-YGR	
Q656	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q657	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q658	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q659	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q660	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q661	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q662	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q663	8-729-119-76	TRANSISTOR 2SA1175-HFE	
<RESISTOR>			
R602	Δ 1-219-236-91	SOLID 2.2M 20% 1/2W	



Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

REF. NO.	PART NO	DESCRIPTION	REMARK
R603	Δ 1-205-997-11	WIREWOUND 2.2	5% 10W
R604	Δ 1-247-891-91	CARBON 330K	5% 1/4W
R605	Δ 1-247-891-91	CARBON 330K	5% 1/4W
R606	Δ 1-202-933-61	FUSIBLE 0.1	10% 1/2W F
R607	1-247-891-00	CARBON 330K	5% 1/4W
R608	1-247-891-00	CARBON 330K	5% 1/4W
R609	1-216-369-00	METAL OXIDE 1	5% 2W F
R610	1-247-891-00	CARBON 330K	5% 1/4W
R611	1-247-891-00	CARBON 330K	5% 1/4W
R612	1-216-369-00	METAL OXIDE 1	5% 2W F
R613	1-247-791-91	CARBON 22	5% 1/4W
R614	1-247-791-91	CARBON 22	5% 1/4W
R615	1-247-791-91	CARBON 22	5% 1/4W
R616	1-247-791-91	CARBON 22	5% 1/4W
R631	1-247-863-91	CARBON 22K	5% 1/4W
R632	1-247-807-31	CARBON 100	5% 1/4W
R633	1-247-807-31	CARBON 100	5% 1/4W
R634	1-249-417-11	CARBON 1K	5% 1/4W
R635	1-249-425-11	CARBON 4 7K	5% 1/4W
R636	1-249-413-11	CARBON 470	5% 1/4W
R651	1-216-370-11	METAL OXIDE 1 2	5% 2W F
R653	1-249-418-11	CARBON 1 2K	5% 1/4W F
R654	1-215-473-00	METAL 150K	1% 1/4W
R655	1-249-441-11	CARBON 100K	5% 1/4W
R656	1-216-369-00	METAL OXIDE 1	5% 2W F
R657	1-249-429-11	CARBON 10K	5% 1/4W
R658	1-247-883-00	CARBON 150K	5% 1/4W
R659	1-249-417-11	CARBON 1K	5% 1/4W F
R660	1-249-417-11	CARBON 1K	5% 1/4W
R661	1-215-471-00	METAL 120K	1% 1/4W
R662	Δ 1-215-452-91	METAL 20K	1% 1/4W
R663	1-215-421-00	METAL 1K	1% 1/4W
R664	1-249-429-11	CARBON 10K	5% 1/4W
R665	1-249-425-11	CARBON 4 7K	5% 1/4W
R666	1-249-429-11	CARBON 10K	5% 1/4W
R667	1-249-429-11	CARBON 10K	5% 1/4W
R668	1-215-487-00	METAL 560K	1% 1/4W
R670	1-247-895-91	CARBON 470K	5% 1/4W
R671	1-249-429-11	CARBON 10K	5% 1/4W
R672	1-247-807-31	CARBON 100	5% 1/4W
R673	1-249-423-11	CARBON 3 3K	5% 1/4W
R674	1-249-413-11	CARBON 470	5% 1/4W
R675	1-249-429-11	CARBON 10K	5% 1/4W
R676	1-249-421-11	CARBON 2 2K	5% 1/4W
R677	1-249-417-11	CARBON 1K	5% 1/4W
R678	1-249-423-11	CARBON 3.3K	5% 1/4W
R679	1-249-423-11	CARBON 3 3K	5% 1/4W
R680	1-249-413-11	CARBON 470	5% 1/4W
R681	1-249-425-11	CARBON 4 7K	5% 1/4W
R682	1-249-403-11	CARBON 68	5% 1/4W
R683	1-249-417-11	CARBON 1K	5% 1/4W
R684	1-249-417-11	CARBON 1K	5% 1/4W
R685	1-247-863-91	CARBON 22K	5% 1/4W
R686	1-249-429-11	CARBON 10K	5% 1/4W
R687	1-249-423-11	CARBON 3 3K	5% 1/4W
R688	1-249-423-11	CARBON 3 3K	5% 1/4W
R689	1-249-429-11	CARBON 10K	5% 1/4W
R690	1-247-863-91	CARBON 22K	5% 1/4W
R691	1-249-417-11	CARBON 1K	5% 1/4W
R693	1-249-425-11	CARBON 4 7K	5% 1/4W
R694	1-249-425-11	CARBON 4 7K	5% 1/4W
R695	1-249-429-11	CARBON 10K	5% 1/4W
R697	1-249-413-11	CARBON 470	5% 1/4W
R698	1-249-429-11	CARBON 10K	5% 1/4W
R699	1-249-417-11	CARBON 1K	5% 1/4W

REF NO	PART NO	DESCRIPTION	REMARK
<RELAY>			
RY601	Δ 1-755-032-11	RELAY	
RY602	Δ 1-755-032-11	RELAY	
<TRANSFORMER>			
T601	Δ 1-427-850-11	TRANSFORMER, LINE FILTER	
T602	Δ 1-427-863-11	TRANSFORMER, CONVERTER (PIT)	
T603	Δ 1-427-865-11	TRANSFORMER, POWER	
T604	Δ 1-427-864-12	TRANSFORMER, CONVERTER (PRT)	
T605	Δ 1-427-850-11	TRANSFORMER, LINE FILTER	

* A-1331-498-A CR BOARD, COMPLETE *****			
<CAPACITOR>			
C701	1-104-664-11	ELECT 47MF	20% 25V
C702	1-107-662-11	ELECT 22MF	20% 250V
C703	1-161-754-00	CERAMIC 0 001MF	10% 2KV
C704	1-126-768-11	ELECT 2200MF	20% 16V
C705	1-102-050-00	CERAMIC 0 01MF	500V
C706	1-102-953-00	CERAMIC 18PF	5% 50V
C707	1-102-129-00	CERAMIC 0 01MF	10% 50V
C708	1-104-664-11	ELECT 47MF	20% 25V
C709	1-107-651-11	ELECT 4 7MF	20% 250V
C710	1-102-157-00	CERAMIC 560PF	10% 500V
C714	1-162-115-00	CERAMIC 330PF	10% 2KV
C715	1-101-005-00	CERAMIC 0 022MF	50V
C716	1-102-050-00	CERAMIC 0 01MF	500V
<CONNECTOR>			
CN701	* 1-508-784-00	PIN, CONNECTOR (5mm PITCH) 1P	
CN702	* 1-564-510-11	PLUG, CONNECTOR 7P	
CN703	* 1-564-512-11	PLUG, CONNECTOR 9P	
CN704	* 1-564-512-11	PLUG, CONNECTOR 9P	
CN705	* 1-564-511-11	PLUG, CONNECTOR 8P	
CN706	1-695-915-11	TAB (CONTACT)	
CN708	Δ 1-251-179-11	SOCKET, PICTURE TUBE	
CN709	* 1-564-506-11	PLUG, CONNECTOR 3P	
<DIODE>			
D701	8-719-991-33	DIODE 1SS133T-77	
D702	8-719-991-33	DIODE 1SS133T-77	
D703	8-719-991-33	DIODE 1SS133T-77	
D704	8-719-921-86	DIODE MTZJ-13	
D705	8-719-210-21	DIODE 11EQS04	
D706	8-719-991-33	DIODE 1SS133T-77	
D707	8-719-921-86	DIODE MTZJ-13	
D708	8-719-901-83	DIODE 1SS83	
D710	8-719-109-89	DIODE RD5 6ESB2	
D711	8-719-991-33	DIODE 1SS133T-77	
D713	8-719-510-48	DIODE D1N20R	
D716	8-719-921-86	DIODE MTZJ-13	
D717	8-719-921-86	DIODE MTZJ-13	
<IC>			
IC701	8-759-346-42	IC TDA6101Q/N3	
<COIL>			
L701	1-408-429-00	INDUCTOR 470UH	

The components identified by
 shading and mark Δ are criti-
 cal for safety
 Replace only with part number
 specified.

Les composants identifiés par
 une trame et une marque Δ
 sont critiques pour la sécurité.
 Ne les remplacer que par une
 pièce portant le numéro spécifié

CR

CG

CB

REF NO.	PART NO	DESCRIPTION	REMARK			
<NEON LAMP>						
NL701	1-519-108-99	LAMP, NEON				
<TRANSISTOR>						
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE				
<RESISTOR>						
R701	1-215-411-00	METAL	390	1%	1/4W	
R702	1-215-414-00	METAL	510	1%	1/4W	
R704	1-202-847-00	SOLID	560K	20%	1/2W	
R706	1-249-407-11	CARBON	150	5%	1/4W	
R707	1-215-423-00	METAL	1 2K	1%	1/4W	
R708	1-202-883-11	SOLID	680K	20%	1/2W	
R709	1-215-437-00	METAL	4 7K	1%	1/4W	
R710	1-215-427-00	METAL	1 8K	1%	1/4W	
R711	1-215-427-00	METAL	1 8K	1%	1/4W	
R712	1-215-903-11	METAL OXIDE	68K	5%	2W	F
R713	1-202-818-00	SOLID	1K	20%	1/2W	
R714	1-202-818-00	SOLID	1K	20%	1/2W	
R715	1-249-436-11	CARBON	39K	5%	1/4W	
R716	1-249-437-11	CARBON	47K	5%	1/4W	
R718	1-249-417-11	CARBON	1K	5%	1/4W	
R719	1-247-807-31	CARBON	100	5%	1/4W	
R720	1-249-437-11	CARBON	47K	5%	1/4W	
R721	1-202-549-00	SOLID	100	20%	1/2W	
R722	1-202-549-00	SOLID	100	20%	1/2W	
<SPARK GAP>						
SG701	1-519-422-11	GAP, SPARK				
SG702	1-519-422-11	GAP, SPARK				
SG703	1-519-422-11	GAP, SPARK				

* A-1331-499-A		CG BOARD, COMPLETE	*****			
<CAPACITOR>						
C731	1-161-754-00	CERAMIC	0 001MF	10%	2KV	
C732	1-107-662-11	ELECT	22MF	20%	250V	
C733	1-102-050-00	CERAMIC	0 01MF		500V	
C736	1-126-964-11	ELECT	10MF	20%	50V	
C738	1-107-651-11	ELECT	4 7MF	20%	250V	
C739	1-102-965-00	CERAMIC	39PF	5%	50V	
C740	1-126-964-11	ELECT	10MF	20%	50V	
C741	1-102-157-00	CERAMIC	560PF	10%	500V	
C742	1-162-115-00	CERAMIC	330PF	10%	2KV	
C743	1-101-005-00	CERAMIC	0 022MF		50V	
C744	1-102-050-00	CERAMIC	0 01MF		500V	
<CONNECTOR>						
CN731	* 1-508-784-00	PIN, CONNECTOR (5mm PITCH) 1P				
CN732	* 1-564-512-11	PLUG, CONNECTOR 9P				
CN733	* 1-564-512-11	PLUG, CONNECTOR 9P				
CN734	* 1-564-511-11	PLUG, CONNECTOR 8P				
CN735	* 1-564-509-11	PLUG, CONNECTOR 6P				
CN736	1-695-915-11	TAB (CONTACT)				
CN738	Δ 1-251-179-11	SOCKET, PICTURE TUBE				

REF NO	PART NO	DESCRIPTION	REMARK			
<DIODE>						
D731	8-719-921-86	DIODE MTZJ-13				
D732	8-719-901-83	DIODE 1SS83				
D736	8-719-510-48	DIODE D1N20R				
D737	8-719-921-86	DIODE MTZJ-13				
<IC>						
IC731	8-759-346-42	IC TDA6101Q/N3				
<COIL>						
L731	1-408-429-00	INDUCTOR 470UH				
<NEON LAMP>						
NL731	1-519-108-99	LAMP, NEON				
<RESISTOR>						
R731	1-202-847-00	SOLID	560K	20%	1/2W	
R733	1-202-883-11	SOLID	680K	20%	1/2W	
R734	1-202-818-00	SOLID	1K	20%	1/2W	
R735	1-249-407-11	CARBON	150	5%	1/4W	
R736	1-249-441-11	CARBON	100K	5%	1/4W	
R737	1-202-818-00	SOLID	1K	20%	1/2W	
R738	1-202-549-00	SOLID	100	20%	1/2W	
R739	1-215-420-00	METAL	910	1%	1/4W	
R740	1-215-427-00	METAL	1 8K	1%	1/4W	
R741	1-249-437-11	CARBON	47K	5%	1/4W	
R742	1-215-903-11	METAL OXIDE	68K	5%	2W	F
<SPARK GAP>						
SG731	1-519-422-11	GAP, SPARK				
SG732	1-519-422-11	GAP, SPARK				
SG733	1-519-422-11	GAP, SPARK				

* A-1331-500-A CB BOARD, COMPLETE						

<CAPACITOR>						
C761	1-161-754-00	CERAMIC	0 001MF	10%	2KV	
C762	1-107-662-11	ELECT	22MF	20%	250V	
C763	1-102-050-00	CERAMIC	0.01MF		500V	
C766	1-107-651-11	ELECT	4 7MF	20%	250V	
C769	1-102-965-00	CERAMIC	39PF	5%	50V	
C770	1-126-964-11	ELECT	10MF	20%	50V	
C771	1-102-157-00	CERAMIC	560PF	10%	500V	
C772	1-162-115-00	CERAMIC	330PF	10%	2KV	
C773	1-101-005-00	CERAMIC	0 022MF		50V	
C774	1-102-050-00	CERAMIC	0 01MF		500V	
<CONNECTOR>						
CN761	* 1-508-784-00	PIN, CONNECTOR (5mm PITCH) 1P				
CN762	* 1-564-512-11	PLUG, CONNECTOR 9P				
CN763	* 1-564-509-11	PLUG, CONNECTOR 6P				
CN766	1-695-915-11	TAB (CONTACT)				
CN768	A 1-251-179-11	SOCKET, PICTURE TUBE				

CB E

Les composants identifiés par
une trame et une marque Δ
sont critiques pour la sécurité
Ne les remplacer que par une
pièce portant le numéro spécifié

The components identified by
shading and mark Δ are critical
for safety
Replace only with part number
specified

REF NO	PART NO	DESCRIPTION	REMARK			
D762	8-719-901-83	DIODE 1SS83				
D763	8-719-991-33	DIODE 1SS133T-77				
D764	8-719-921-86	DIODE MTZJ-13				
D765	8-719-921-86	DIODE MTZJ-13				
D768	8-719-510-48	DIODE D1N20R				
D769	8-719-921-86	DIODE MTZJ-13				
<IC>						
IC761	8-759-346-42	IC TDA6101Q/N3				
<COIL>						
L761	1-408-429-00	INDUCTOR 470UH				
<NEON LAMP>						
NL760	1-519-108-99	LAMP, NEON				
<RESISTOR>						
R761	1-202-847-00	SOLID 560K	20%	1/2W		
R763	1-202-883-11	SOLID 680K	20%	1/2W		
R764	1-202-818-00	SOLID 1K	20%	1/2W		
R767	1-202-818-00	SOLID 1K	20%	1/2W		
R768	1-202-549-00	SOLID 100	20%	1/2W		
R769	1-215-421-00	METAL 1K	1%	1/4W		
R770	1-249-426-11	CARBON 5 6K	5%	1/4W		
R771	1-215-427-00	METAL 1 8K	1%	1/4W		
R773	1-215-903-11	METAL OXIDE 68K	5%	2W	F	
R774	1-249-407-11	CARBON 150	5%	1/4W		
R775	1-202-549-00	SOLID 100	20%	1/2W		
<SPARK GAP>						
SG761	1-519-422-11	GAP, SPARK				
SG762	1-519-422-11	GAP, SPARK				
SG763	1-519-422-11	GAP, SPARK				

* A-1341-885-A E BOARD, COMPLETE						

4-382-854-11 SCREW (M3X10), P, SW (+)						
7-322-065-19 RUBBER, SILICON RTV (KE490W)						
<CAPACITOR>						
C801	1-110-626-11	ELECT 330MF	20%	160V		
C802	1-163-251-11	CERAMIC CHIP 100PF	5%	50V		
C803	1-110-626-11	ELECT 330MF	20%	160V		
C805	1-136-173-00	FILM 0 47MF	5%	50V		
C806	1-102-030-00	CERAMIC 330PF	10%	500V		
C807	1-106-387-00	MYLAR 0 068MF	10%	200V		
C808	1-107-636-11	ELECT 10MF	20%	160V		
C809	1-104-664-11	ELECT 47MF	20%	25V		
C810	1-130-481-00	FILM 0 0068MF	5%	50V		
C811	1-137-475-11	FILM 2 2MF	10%	250V		
C812	1-126-965-11	ELECT 22MF	20%	50V		
C813	1-162-318-11	CERAMIC 0 001MF	10%	500V		
C814	1-126-968-11	ELECT 100MF	20%	50V		
C815	1-162-114-00	CERAMIC 0.0047MF		2KV		
C818	Δ 1-109-833-11	FILM 0.0145MF	3%	2.5KV		
C819	1-130-489-00	FILM 0 033MF	5%	50V		
C820	1-124-902-00	ELECT 0 47MF	20%	50V		
C823	1-136-601-11	FILM 0 01MF	5%	630V		
C824	1-126-964-11	ELECT 10MF	20%	50V		

REF NO	PART NO	DESCRIPTION	REMARK			
C825	1-162-318-11	CERAMIC 0 001MF	10%	500V		
C826	1-130-467-00	FILM 470PF	5%	50V		
C827	1-107-651-11	ELECT 4 7MF	20%	250V		
C828	1-111-036-11	ELECT 470MF	20%	16V		
C830	1-137-420-11	FILM 0 047MF	10%	100V		
C831	1-126-934-11	ELECT 220MF	20%	16V		
C832	1-126-967-11	ELECT 47MF	20%	50V		
C901	1-163-251-11	CERAMIC CHIP 100PF	5%	50V		
C902	1-137-370-11	FILM 0 01MF	5%	50V		
C903	1-137-431-11	FILM 560PF	5%	50V		
C904	1-137-358-11	FILM 0 0001MF	5%	50V		
C905	1-104-665-11	ELECT 100MF	20%	25V		
C906	1-137-370-11	FILM 0 01MF	5%	50V		
C907	1-104-665-11	ELECT 100MF	20%	25V		
C908	1-137-361-11	FILM 330PF	5%	50V		
C909	1-124-903-11	ELECT 1MF	20%	50V		
C911	1-163-251-11	CERAMIC CHIP 100PF	5%	50V		
C912	1-124-903-11	ELECT 1MF	20%	50V		
C913	1-124-903-11	ELECT 1MF	20%	50V		
C915	1-163-239-11	CERAMIC CHIP 33PF	5%	50V		
C916	1-126-963-11	ELECT 4 7MF	20%	50V		
C917	1-126-964-11	ELECT 10MF	20%	50V		
C918	1-137-364-11	FILM 0.001MF	5%	50V		
C919	1-126-964-11	ELECT 10MF	20%	50V		
C920	1-124-902-00	ELECT 0 47MF	20%	50V		
C921	1-126-964-11	ELECT 10MF	20%	50V		
C923	1-126-964-11	ELECT 10MF	20%	50V		
C924	1-126-935-11	ELECT 470MF	20%	16V		
C925	1-137-372-11	FILM 0 022MF	5%	50V		
C926	1-104-665-11	ELECT 100MF	20%	25V		
C927	1-137-364-11	FILM 0 001MF	5%	50V		
C929	1-137-416-11	FILM 0 01MF	10%	100V		
C930	1-137-364-11	FILM 0 001MF	5%	50V		
C931	1-126-967-11	ELECT 47MF	20%	50V		
C932	1-124-903-11	ELECT 1MF	20%	50V		
C934	1-137-370-11	FILM 0 01MF	5%	50V		
C935	1-137-399-11	FILM 0 1MF	10%	100V		
C936	1-126-964-11	ELECT 10MF	20%	50V		
C937	1-126-964-11	ELECT 10MF	20%	50V		
C938	1-126-935-11	ELECT 470MF	20%	16V		
C939	1-126-964-11	ELECT 10MF	20%	50V		
C940	1-104-664-11	ELECT 47MF	20%	25V		
C941	1-126-964-11	ELECT 10MF	20%	50V		
C942	1-104-664-11	ELECT 47MF	20%	25V		
C943	1-126-965-11	ELECT 22MF	20%	50V		
C944	1-126-964-11	ELECT 10MF	20%	50V		
C945	1-126-964-11	ELECT 10MF	20%	50V		
C946	1-124-925-11	ELECT 2 2MF	20%	50V		
C947	1-104-665-11	ELECT 100MF	20%	25V		
C948	1-104-665-11	ELECT 100MF	20%	25V		
C949	1-126-964-11	ELECT 10MF	20%	50V		
C950	1-126-964-11	ELECT 10MF	20%	50V		
C951	1-109-889-11	ELECT 1MF	20%	50V		
C955	1-126-964-11	ELECT 10MF	20%	50V		
C980	1-137-368-11	FILM 0 0047MF	5%	50V		
<CHIP CONDUCTOR>						
CJ901	1-216-295-91	CONDUCTOR, CHIP				
CJ902	1-216-295-91	CONDUCTOR, CHIP				
CJ903	1-216-295-91	CONDUCTOR, CHIP				
CJ904	1-216-295-91	CONDUCTOR, CHIP				
<CONNECTOR>						
CN802	* 1-564-510-11	PLUG, CONNECTOR 7P				
CN805	1-695-915-11	TAB (CONTACT)				
CN827	* 1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P				
CN851	* 1-564-509-11	PLUG, CONNECTOR 6P				

The components identified by shading and mark **△** are critical for safety.
 Replace only with part number specified.

Les composants identifiés par une trame et une marque **△** sont critiques pour la sécurité.
 Ne les remplacer que par une pièce portant le numéro spécifié.

• The components identified by **△** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

E

REF. NO	PART NO	DESCRIPTION	REMARK	REF. NO	PART NO	DESCRIPTION	REMARK
CN881	* 1-573-986-11	PIN, CONNECTOR (PC BOARD) 5P		L803	1-422-613-11	COIL, AIR CORE	
CN882	* 1-691-135-11	PIN, CONNECTOR (PC BOARD) 4P		L804	1-411-286-11	COIL, CHOKE 220UH	
CN884	* 1-573-964-11	PIN, CONNECTOR (PC BOARD) 6P		L901	1-408-416-00	INDUCTOR 39UH	
CN885	* 1-506-371-00	PIN, CONNECTOR 2P		L902	1-408-416-00	INDUCTOR 39UH	
CN886	* 1-506-371-00	PIN, CONNECTOR 2P				<NEON LAMP>	
CN904	* 1-564-507-11	PLUG, CONNECTOR 4P		NL802	1-519-108-99	LAMP, NEON	
		<DIODE>				<TRANSISTOR>	
D801	8-719-109-85	DIODE RD5 1ESB2		Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
D802	8-719-404-46	DIODE MA110		Q802	8-729-119-80	TRANSISTOR 2SC2688-LK	
D803	8-719-971-20	DIODE ERC38-06		Q803	8-729-122-12	TRANSISTOR 2SA1221-L	
D804	8-719-908-03	DIODE GP08D		Q806	8-729-805-07	TRANSISTOR 2SD1887-CA	
D805	8-719-945-80	DIODE ERC06-15S		Q807	8-729-422-27	TRANSISTOR 2SD601A-Q	
D806	8-719-991-33	DIODE ISS133T-77		Q808	8-729-024-30	TRANSISTOR IRFI640LF	
D807	8-719-945-80	DIODE ERC06-15S		Q809	8-729-823-81	TRANSISTOR 2SC4632LS-CB7	
D808	8-719-500-71	DIODE D8LC40		Q810	8-729-231-55	TRANSISTOR 2SC2878-AB	
D809	8-719-991-33	DIODE ISS133T-77		Q811	8-729-823-81	TRANSISTOR 2SC4632LS-CB7	
D810	8-719-945-80	DIODE ERC06-15S		Q813	8-729-216-22	TRANSISTOR 2SA1162-G	
D811	8-719-979-85	DIODE EGP20G-PKG23		Q901	8-729-422-27	TRANSISTOR 2SD601A-Q	
D812	8-719-404-46	DIODE MA110		Q902	8-729-140-93	TRANSISTOR 2SB733-34	
D814	8-719-920-67	DIODE ERC91-02		Q903	8-729-140-96	TRANSISTOR 2SD774-34	
D816	8-719-404-46	DIODE MA110		Q904	8-729-422-27	TRANSISTOR 2SD601A-Q	
D817	8-719-404-46	DIODE MA110		Q905	8-729-422-27	TRANSISTOR 2SD601A-Q	
D818	8-719-404-46	DIODE MA110		Q906	8-729-422-27	TRANSISTOR 2SD601A-Q	
D819	8-719-105-82	DIODE RD5.1M-B2		Q907	8-729-231-55	TRANSISTOR 2SC2878-AB	
D901	8-719-404-46	DIODE MA110		Q908	8-729-422-27	TRANSISTOR 2SD601A-Q	
D902	8-719-404-46	DIODE MA110		Q909	8-729-422-27	TRANSISTOR 2SD601A-Q	
D904	8-719-404-46	DIODE MA110		Q910	8-729-422-27	TRANSISTOR 2SD601A-Q	
D905	8-719-404-46	DIODE MA110		Q911	8-729-422-27	TRANSISTOR 2SD601A-Q	
D907	8-719-404-46	DIODE MA110		Q912	8-729-216-22	TRANSISTOR 2SA1162-G	
D908	8-719-105-82	DIODE RD5.1M-B2		Q913	8-729-029-86	TRANSISTOR DTC124ESA	
D909	8-719-302-43	DIODE EL1Z		Q914	8-729-422-27	TRANSISTOR 2SD601A-Q	
D911	8-719-105-82	DIODE RD5.1M-B2		Q915	8-729-422-27	TRANSISTOR 2SD601A-Q	
D912	8-719-105-82	DIODE RD5.1M-B2				<RESISTOR>	
D913	8-719-404-46	DIODE MA110		R800	1-216-637-11	METAL CHIP 270	0.50% 1/10W
D914	8-719-404-46	DIODE MA110		R801	1-216-033-00	METAL GLAZE 220	5% 1/10W
D915	8-719-404-46	DIODE MA110		R802	1-249-421-11	CARBON 2 2K	5% 1/4W
D916	8-719-105-57	DIODE RD3 9M-B1		R804	1-249-425-11	CARBON 4 7K	5% 1/4W F
D917	8-719-404-46	DIODE MA110		R805	1-216-435-11	METAL OXIDE 2 7K	5% 1W F
D918	8-719-404-46	DIODE MA110		R806	1-249-431-11	CARBON 15K	5% 1/4W F
D919	8-719-106-81	DIODE RD13M-B3		R807	1-260-325-11	CARBON 560	5% 1/2W
D920	8-759-157-40	IC uPC574J		△R808	△	CARBON	1/4W
D921	8-719-106-81	DIODE RD13M-B3		△R809	△	CARBON	1/4W
D922	8-719-404-46	DIODE MA110		R810	1-249-427-11	CARBON 6 8K	5% 1/4W F
D923	8-719-404-46	DIODE MA110		R811	1-216-097-91	METAL GLAZE 100K	5% 1/10W
D924	8-719-404-46	DIODE MA110		R812	1-216-395-00	METAL OXIDE 3 3	5% 3W F
D925	8-719-028-00	DIODE MA3033-L		R813	1-216-484-00	METAL OXIDE 3 9K	5% 3W F
D926	8-719-404-46	DIODE MA110		R814	1-215-919-11	METAL OXIDE 2 2K	5% 3W F
D927	8-719-401-32	DIODE MA3047M-TX		R816	1-216-051-00	METAL GLAZE 1 2K	5% 1/10W
		<FERRITE BEAD>		R817	1-216-395-00	METAL OXIDE 3 3	5% 3W F
FB001	1-410-396-41	FERRITE BEAD INDUCTOR 0 45UH		R818	1-249-405-11	CARBON 100	5% 1/4W F
		<IC>		R819	1-216-089-91	METAL GLAZE 47K	5% 1/10W
IC901	8-759-133-90	IC uPC339C		R820	1-215-905-11	METAL OXIDE 10	5% 3W F
IC902	8-759-133-90	IC uPC339C		R821	1-216-073-00	METAL GLAZE 10K	5% 1/10W
IC903	8-759-711-28	IC NJM2058D		R822	1-215-928-11	METAL OXIDE 68K	5% 3W F
IC904	8-759-634-51	IC M5218AP		R823	1-216-041-00	METAL GLAZE 470	5% 1/10W
IC905	8-759-929-65	IC LM7912CT		R825	1-215-928-11	METAL OXIDE 68K	5% 3W F
IC906	8-759-279-76	IC MCT7812CT		R826	1-216-033-00	METAL GLAZE 220	5% 1/10W
		<COIL>		R830	1-215-928-11	METAL OXIDE 68K	5% 3W F
L801	1-406-665-11	COIL, CHOKE 100UH		R831	1-215-919-11	METAL OXIDE 2.2K	5% 3W F
L802	1-406-665-11	COIL, CHOKE 100UH		R832	1-216-049-91	METAL GLAZE 1K	5% 1/10W
				R836	1-202-818-00	SOLID 1K	20% 1/2W
				R837	1-215-870-11	METAL OXIDE 1.5K	5% 1W F
				R838	1-247-807-31	CARBON 100	5% 1/4W



• The components identified by **E** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Les composants identifiés par une trame et une marque **E** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark **E** are critical for safety. Replace only with part number specified.

REF NO	PART NO	DESCRIPTION	REMARK
R839	1-249-429-11	CARBON 10K	5% 1/4W F
R841	1-216-491-11	METAL OXIDE 56K	5% 3W F
R843	1-202-549-00	SOLID 100	20% 1/2W
R844	1-216-491-11	METAL OXIDE 56K	5% 3W F
R846	1-202-838-00	SOLID 100K	20% 1/2W
R847	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R849	1-247-863-91	CARBON 22K	5% 1/4W
R850	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R851	1-216-667-11	METAL CHIP 47K	0.50% 1/10W
R852	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R854	1-249-447-11	CARBON 1	5% 1/4W F
R855	1-208-822-11	METAL CHIP 47K	0.50% 1/10W
R856	1-208-822-11	METAL CHIP 47K	0.50% 1/10W
R857	1-216-699-11	METAL CHIP 100K	0.50% 1/10W
R858	1-208-810-11	METAL CHIP 15K	0.50% 1/10W
R865	1-216-350-11	METAL OXIDE 12	5% 1W F
R866	1-532-781-11	FUSE, MICRO (SECONDARY) 3 15A/125V	
R883	1-216-091-00	METAL GLAZE 56K	5% 1/10W
R888	1-216-067-00	METAL GLAZE 56K	5% 1/10W
R901	1-216-065-00	METAL GLAZE 47K	5% 1/10W
R902	1-216-065-00	METAL GLAZE 47K	5% 1/10W
R903	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R904	1-216-057-00	METAL GLAZE 22K	5% 1/10W
R905	1-247-739-11	CARBON 100	5% 1/2W F
R906	1-247-739-11	CARBON 100	5% 1/2W F
R907	1-216-091-00	METAL GLAZE 56K	5% 1/10W
R908	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R909	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R910	1-216-059-00	METAL GLAZE 27K	5% 1/10W
R911	1-216-059-00	METAL GLAZE 27K	5% 1/10W
R912	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R913	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R914	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R915	1-216-091-00	METAL GLAZE 56K	5% 1/10W
R916	1-216-065-00	METAL GLAZE 47K	5% 1/10W
R917	1-216-057-00	METAL GLAZE 22K	5% 1/10W
R918	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R919	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R920	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R921	1-216-059-00	METAL GLAZE 27K	5% 1/10W
R922	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R923	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R924	1-216-067-00	METAL GLAZE 56K	5% 1/10W
R926	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R927	1-249-377-11	CARBON 0.47	5% 1/4W F
R928	1-216-067-00	METAL GLAZE 56K	5% 1/10W
R929	1-216-041-00	METAL GLAZE 470	5% 1/10W
R930	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R931	1-216-059-00	METAL GLAZE 27K	5% 1/10W
R932	1-216-059-00	METAL GLAZE 27K	5% 1/10W
R933	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R934	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R935	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R936	1-216-065-00	METAL GLAZE 47K	5% 1/10W
R937	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R938	1-208-810-11	METAL CHIP 15K	0.50% 1/10W
R939	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R940	1-216-083-00	METAL GLAZE 27K	5% 1/10W
R941	1-216-091-00	METAL GLAZE 56K	5% 1/10W
R942	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R943	1-249-377-11	CARBON 0.47	5% 1/4W F
R944	1-216-689-11	METAL GLAZE 39K	5% 1/10W
R945	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R946	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R947	1-216-025-91	METAL GLAZE 100	5% 1/10W
R948	1-216-051-00	METAL GLAZE 12K	5% 1/10W
R950	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R952	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R954	1-214-777-00	METAL 100K	1% 1/4W

REF NO	PART NO	DESCRIPTION	REMARK
R955	1-214-769-00	METAL 47K	1% 1/4W
R956	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R957	1-218-754-11	METAL CHIP 120K	0.50% 1/10W
R958	1-218-756-11	METAL CHIP 150K	0.50% 1/10W
R959	1-214-757-00	METAL 15K	1% 1/4W
R960	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R962	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R963	1-214-749-00	METAL 6.8K	1% 1/4W
R964	1-214-757-00	METAL 15K	1% 1/4W
R965	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R966	1-214-757-00	METAL 15K	1% 1/4W
R967	1-216-025-91	METAL GLAZE 100	5% 1/10W
R968	1-214-751-00	METAL 8.2K	1% 1/4W
R969	1-214-731-00	METAL 1.2K	1% 1/4W
R970	1-214-757-00	METAL 15K	1% 1/4W
R971	1-216-121-91	METAL GLAZE 1M	5% 1/10W
R972	1-216-699-11	METAL CHIP 100K	0.50% 1/10W
R973	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R974	1-216-699-11	METAL CHIP 100K	0.50% 1/10W
R975	1-216-043-91	METAL GLAZE 560	5% 1/10W
R976	1-216-041-00	METAL GLAZE 470	5% 1/10W
R977	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R978	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R979	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R980	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R981	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R982	1-216-671-11	METAL CHIP 6.8K	0.50% 1/10W
R983	1-216-083-00	METAL GLAZE 27K	5% 1/10W
R984	1-208-812-11	METAL CHIP 18K	0.50% 1/10W
R985	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R986	1-216-059-00	METAL GLAZE 2.7K	5% 1/10W
R987	1-216-059-00	METAL GLAZE 2.7K	5% 1/10W
R988	1-216-462-00	METAL OXIDE 8.2K	5% 2W F
R989	1-215-897-11	METAL OXIDE 6.8K	5% 2W F
R990	1-208-801-11	METAL CHIP 6.2K	0.50% 1/10W
R991	1-249-431-11	CARBON 15K	5% 1/4W
R992	1-249-431-11	CARBON 15K	5% 1/4W
R993	1-247-807-31	CARBON 100	5% 1/4W
R994	1-216-677-11	METAL CHIP 12K	0.50% 1/10W
R995	1-208-814-11	METAL CHIP 22K	0.50% 1/10W
R996	1-216-065-00	METAL GLAZE 47K	5% 1/10W
R997	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R998	1-216-051-00	METAL GLAZE 1.2K	5% 1/10W
R999	1-216-051-00	METAL GLAZE 1.2K	5% 1/10W
SG801	1-519-422-11	GAP, SPARK	
<TRANSFORMER>			
T801	1-453-189-11	TRANSFORMER ASSY, FLYBACK	(NX-2631/A4S)
T802	1-437-209-11	TRANSFORMER, HORIZONTAL DRIVE	
T803	1-427-980-11	TRANSFORMER, FERRITE (LOT)	

* A-1346-296-A D BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)
 7-682-652-09 SCREW +PSW 3X16

<CAPACITOR>

C1502	1-126-943-11	ELECT 2200MF	20% 25V
C1503	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V

D

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1504	1-126-943-11	ELECT	2200MF 20%	C1834	1-163-809-11	CERAMIC CHIP 0 047MF	10% 25V
C1505	1-136-177-00	FILM	1MF 5%	C1835	1-163-809-11	CERAMIC CHIP 0 047MF	10% 25V
C1506	1-102-228-00	CERAMIC	470PF 10%	C1836	1-163-809-11	CERAMIC CHIP 0 047MF	10% 25V
C1507	1-164-232-11	CERAMIC CHIP	0 01MF 10%	C1837	1-164-489-11	CERAMIC CHIP 0 22MF	10% 16V
C1508	1-163-251-11	CERAMIC CHIP	100PF 5%	C1838	1-126-968-11	ELECT	100MF 20% 50V
C1509	1-126-968-11	ELECT	100MF 20%	C1839	1-126-968-11	ELECT	100MF 20% 50V
C1510	1-137-401-11	FILM	0 22MF 10%	C1840	1-124-903-11	ELECT	1MF 20% 50V
C1511	1-137-423-11	FILM	0 15MF 10%	C1841	1-126-967-11	ELECT	47MF 20% 50V
C1512	1-137-423-11	FILM	0 15MF 10%	C1842	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C1513	1-163-243-11	CERAMIC CHIP	47PF 5%	C1843	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C1514	1-163-031-11	CERAMIC CHIP	0 01MF 50V	C1844	1-126-967-11	ELECT	47MF 20% 50V
C1515	1-163-031-11	CERAMIC CHIP	0 01MF 50V	C1845	1-163-809-11	CERAMIC CHIP	0 047MF 10% 25V
C1516	1-136-177-00	FILM	1MF 5%	C1846	1-163-809-11	CERAMIC CHIP	0 047MF 10% 25V
C1517	1-163-125-00	CERAMIC CHIP	220PF 5%	C1847	1-163-809-11	CERAMIC CHIP	0 047MF 10% 25V
C1551	1-126-964-11	ELECT	10MF 20%	C1848	1-163-809-11	CERAMIC CHIP	0.047MF 10% 25V
C1603	1-163-251-11	CERAMIC CHIP	100PF 5%	C1849	1-126-968-11	ELECT	100MF 20% 50V
C1604	1-163-251-11	CERAMIC CHIP	100PF 5%	C1850	1-126-968-11	ELECT	100MF 20% 50V
C1605	1-163-251-11	CERAMIC CHIP	100PF 5%	C1851	1-137-399-11	FILM	0 1MF 5% 50V
C1606	1-163-251-11	CERAMIC CHIP	100PF 5%	C1852	1-126-968-11	ELECT	100MF 20% 50V
C1607	1-163-251-11	CERAMIC CHIP	100PF 5%	C1853	1-137-378-11	FILM	0 22MF 5% 50V
C1608	1-163-251-11	CERAMIC CHIP	100PF 5%	C1854	1-126-963-11	ELECT	4 7MF 20% 50V
C1611	1-126-968-11	ELECT	100MF 20%	C1855	1-124-903-11	ELECT	1MF 20% 50V
C1612	1-104-665-11	ELECT	100MF 20%	C1856	1-104-665-11	ELECT	100MF 20% 25V
C1613	1-126-968-11	ELECT	100MF 20%	C1857	1-126-968-11	ELECT	100MF 20% 50V
C1615	1-104-665-11	ELECT	100MF 20%	C1858	1-163-809-11	CERAMIC CHIP	0 047MF 10% 25V
C1617	1-126-941-11	ELECT	470MF 20%	C1859	1-163-809-11	CERAMIC CHIP	0 047MF 10% 25V
C1619	1-104-665-11	ELECT	100MF 20%	C1860	1-163-809-11	CERAMIC CHIP	0.047MF 10% 25V
C1620	1-126-941-11	ELECT	470MF 20%	C1861	1-126-968-11	ELECT	100MF 20% 50V
C1622	1-104-665-11	ELECT	100MF 20%	C1862	1-124-903-11	ELECT	1MF 20% 50V
C1701	1-126-935-11	ELECT	470MF 20%	C1863	1-136-173-00	FILM	0 47MF 5% 50V
C1702	1-163-809-11	CERAMIC CHIP	0 047MF 10%	C1864	1-124-903-11	ELECT	1MF 20% 50V
C1703	1-163-099-00	CERAMIC CHIP	18PF 5%	C1865	1-124-903-11	ELECT	1MF 20% 50V
C1704	1-163-125-00	CERAMIC CHIP	220PF 5%	C1866	1-126-967-11	ELECT	47MF 20% 50V
C1705	1-163-099-00	CERAMIC CHIP	18PF 5%	<CHIP CONDUCTOR>			
C1709	1-163-031-11	CERAMIC CHIP	0 01MF 50V	CJ1	1-216-295-91	CONDUCTOR, CHIP	
C1723	1-163-251-11	CERAMIC CHIP	100PF 5%	CJ2	1-216-295-91	CONDUCTOR, CHIP	
C1724	1-163-251-11	CERAMIC CHIP	100PF 5%	CJ3	1-216-295-91	CONDUCTOR, CHIP	
C1801	1-124-903-11	ELECT	1MF 20%	CJ4	1-216-295-91	CONDUCTOR, CHIP	
C1802	1-126-964-11	ELECT	10MF 20%	CJ5	1-216-295-91	CONDUCTOR, CHIP	
C1803	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ6	1-216-295-91	CONDUCTOR, CHIP	
C1805	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ7	1-216-295-91	CONDUCTOR, CHIP	
C1806	1-163-127-00	CERAMIC CHIP	270PF 5%	CJ8	1-216-295-91	CONDUCTOR, CHIP	
C1807	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ9	1-216-295-91	CONDUCTOR, CHIP	
C1808	1-163-809-11	CERAMIC CHIP	0.047MF 10%	CJ10	1-216-295-91	CONDUCTOR, CHIP	
C1809	1-104-661-91	ELECT	330MF 20%	CJ11	1-216-295-91	CONDUCTOR, CHIP	
C1810	1-104-661-91	ELECT	330MF 20%	CJ12	1-216-295-91	CONDUCTOR, CHIP	
C1811	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ13	1-216-295-91	CONDUCTOR, CHIP	
C1812	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ14	1-216-295-91	CONDUCTOR, CHIP	
C1813	1-163-275-11	CERAMIC CHIP	0 001MF 5%	CJ15	1-216-295-91	CONDUCTOR, CHIP	
C1814	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ16	1-216-295-91	CONDUCTOR, CHIP	
C1816	1-163-251-11	CERAMIC CHIP	100PF 5%	CJ17	1-216-295-91	CONDUCTOR, CHIP	
C1817	1-163-251-11	CERAMIC CHIP	100PF 5%	CJ18	1-216-295-91	CONDUCTOR, CHIP	
C1818	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ19	1-216-295-91	CONDUCTOR, CHIP	
C1819	1-126-933-11	ELECT	100MF 20%	CJ20	1-216-295-91	CONDUCTOR, CHIP	
C1820	1-163-005-11	CERAMIC CHIP	470PF 10%	CJ21	1-216-295-91	CONDUCTOR, CHIP	
C1821	1-124-902-00	ELECT	0 47MF 20%	CJ22	1-216-295-91	CONDUCTOR, CHIP	
C1822	1-163-005-11	CERAMIC CHIP	470PF 10%	CJ23	1-216-295-91	CONDUCTOR, CHIP	
C1823	1-124-903-11	ELECT	1MF 20%	CJ24	1-216-295-91	CONDUCTOR, CHIP	
C1824	1-124-903-11	ELECT	1MF 20%	CJ25	1-216-295-91	CONDUCTOR, CHIP	
C1825	1-126-967-11	ELECT	47MF 20%	CJ26	1-216-295-91	CONDUCTOR, CHIP	
C1826	1-126-967-11	ELECT	47MF 20%	CJ27	1-216-295-91	CONDUCTOR, CHIP	
C1827	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ28	1-216-295-91	CONDUCTOR, CHIP	
C1828	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ29	1-216-295-91	CONDUCTOR, CHIP	
C1829	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ30	1-216-295-91	CONDUCTOR, CHIP	
C1830	1-163-809-11	CERAMIC CHIP	0 047MF 10%	CJ31	1-216-295-91	CONDUCTOR, CHIP	
C1831	1-104-661-91	ELECT	330MF 20%	CJ32	1-216-295-91	CONDUCTOR, CHIP	
C1832	1-104-661-91	ELECT	330MF 20%	CJ33	1-216-295-91	CONDUCTOR, CHIP	
C1833	1-163-809-11	CERAMIC CHIP	0 047MF 10%				

D

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

REF. NO	PART NO	DESCRIPTION	REMARK
CJ34	1-216-295-91	CONDUCTOR, CHIP	
CJ35	1-216-295-91	CONDUCTOR, CHIP	
CJ36	1-216-295-91	CONDUCTOR, CHIP	
CJ37	1-216-295-91	CONDUCTOR, CHIP	
CJ38	1-216-295-91	CONDUCTOR, CHIP	
CJ39	1-216-295-91	CONDUCTOR, CHIP	
CJ40	1-216-295-91	CONDUCTOR, CHIP	
CJ42	1-216-295-91	CONDUCTOR, CHIP	
CJ43	1-216-295-91	CONDUCTOR, CHIP	
CJ44	1-216-295-91	CONDUCTOR, CHIP	
CJ45	1-216-295-91	CONDUCTOR, CHIP	
CJ46	1-216-295-91	CONDUCTOR, CHIP	
CJ47	1-216-295-91	CONDUCTOR, CHIP	
CJ48	1-216-295-91	CONDUCTOR, CHIP	
CJ49	1-216-295-91	CONDUCTOR, CHIP	
CJ50	1-216-295-91	CONDUCTOR, CHIP	
CJ51	1-216-295-91	CONDUCTOR, CHIP	
CJ52	1-216-295-91	CONDUCTOR, CHIP	
CJ53	1-216-295-91	CONDUCTOR, CHIP	
CJ54	1-216-295-91	CONDUCTOR, CHIP	
CJ56	1-216-295-91	CONDUCTOR, CHIP	
CJ57	1-216-295-91	CONDUCTOR, CHIP	
CJ58	1-216-295-91	CONDUCTOR, CHIP	
CJ59	1-216-295-91	CONDUCTOR, CHIP	
CJ60	1-216-295-91	CONDUCTOR, CHIP	
CJ62	1-216-295-91	CONDUCTOR, CHIP	
CJ63	1-216-295-91	CONDUCTOR, CHIP	
<CONNECTOR>			
CN1509	* 1-564-506-11	PLUG, CONNECTOR 3P	
CN1513	* 1-564-506-11	PLUG, CONNECTOR 3P	
CN1612	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1642	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1672	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1716	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1756	* 1-564-508-11	PLUG, CONNECTOR 5P	
CN1757	* 1-564-516-11	PLUG, CONNECTOR 13P	
<DIODE>			
D1501	8-719-908-03	DIODE GP08D	
D1502	8-719-109-89	DIODE RD5 6ESB2	
D1503	8-719-971-20	DIODE ERC38-06	
D1505	8-719-109-89	DIODE RD5 6ESB2	
D1551	8-719-983-14	DIODE MTZJ-T-77-3 9	
D1552	8-719-991-33	DIODE 1SS133T-77	
D1553	8-719-991-33	DIODE 1SS133T-77	
D1601	8-719-908-03	DIODE GP08D	
D1602	8-719-908-03	DIODE GP08D	
D1603	8-719-908-03	DIODE GP08D	
D1604	8-719-908-03	DIODE GP08D	
D1803	8-719-991-33	DIODE 1SS133T-77	
D1812	8-719-991-33	DIODE 1SS133T-77	
D1814	8-719-991-33	DIODE 1SS133T-77	
D1825	8-719-991-33	DIODE 1SS133T-77	
D1826	8-719-991-33	DIODE 1SS133T-77	
D1827	8-719-982-03	DIODE MTZJ-3 6A	
D1931	8-719-924-16	DIODE MTZJ-T-77-24	
D1932	8-719-924-16	DIODE MTZJ-T-77-24	
D1934	8-719-924-16	DIODE MTZJ-T-77-24	
D1935	8-719-924-16	DIODE MTZJ-T-77-24	
D1936	8-719-924-16	DIODE MTZJ-T-77-24	
D1937	8-719-924-16	DIODE MTZJ-T-77-24	
D1942	8-719-924-16	DIODE MTZJ-T-77-24	
D1945	8-719-924-16	DIODE MTZJ-T-77-24	
D1946	8-719-924-16	DIODE MTZJ-T-77-24	
D1947	8-719-924-16	DIODE MTZJ-T-77-24	
D1948	8-719-921-86	DIODE MTZJ-13	

REF. NO	PART NO	DESCRIPTION	REMARK
D1949	8-719-924-16	DIODE MTZJ-T-77-24	
D1951	8-719-921-86	DIODE MTZJ-13	
D1953	8-719-921-86	DIODE MTZJ-13	
D1954	8-719-921-86	DIODE MTZJ-13	
<FUSE>			
F1601	Δ 1-532-745-11	FUSE, GLASS TUBE 3.15A/125V	
	1-533-223-11	CLIP, FUSE ; F1601	
F1602	Δ 1-532-745-11	FUSE, GLASS TUBE 3.15A/125V	
	1-533-223-11	CLIP, FUSE ; F1602	
<IC>			
IC1501	8-759-192-71	IC STV9379	
IC1601	8-749-010-88	IC STK392-010	
IC1602	8-749-010-88	IC STK392-010	
IC1701	8-752-861-57	IC CXP85112B-613S	
IC1702	8-759-041-54	IC MN1382S	
IC1801	8-759-327-52	IC PM0002B	
IC1802	8-759-327-51	IC PA0053B	
IC1803	8-759-012-67	IC MC7905CT	
IC1803	8-759-929-64	IC LM7905CT	
IC1804	8-759-231-53	IC TA7805S	
IC1804	8-759-231-53	IC TA7805S	
IC1805	8-759-327-52	IC PM0002B	
IC1806	8-759-327-51	IC PA0053B	
IC1807	8-759-929-65	IC LM7912CT	
IC1807	8-759-929-65	IC LM7912CT	
IC1808	8-759-279-76	IC MCT7812CT	
IC1808	8-759-231-58	IC TA7812S	
IC1809	8-759-327-52	IC PM0002B	
IC1931	8-759-711-28	IC NJM2058D	
IC1932	8-759-711-28	IC NJM2058D	
<COIL>			
L1501	1-412-533-21	INDUCTOR 47UH	
L1502	1-412-533-21	INDUCTOR 47UH	
L1503	1-412-524-11	INDUCTOR 8 2UH	
L1515	1-410-470-11	INDUCTOR 10UH	
L1516	1-410-482-31	INDUCTOR 100UH	
L1701	1-410-470-11	INDUCTOR 10UH	
L1801	1-406-975-21	COIL, CHOKE 47UH	
L1802	1-406-975-21	COIL, CHOKE 47UH	
<TRANSISTOR>			
Q1501	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1502	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1551	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1552	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1701	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1801	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1802	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1803	8-729-029-86	TRANSISTOR DTC124ESA	
Q1804	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1805	8-729-029-86	TRANSISTOR DTC124ESA	
<RESISTOR>			
R1501	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1502	1-208-814-11	METAL CHIP 22K	0 50% 1/10W
R1504	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R1505	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R1506	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1507	1-208-814-11	METAL CHIP 22K	0 50% 1/10W
R1508	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R1509	Δ 1-249-383-91	CARBON 1.5	5% 1/4W F
R1510	1-214-671-11	METAL 3 9	1% 1/4W

The components identified by shading and mark Δ are critical for safety
Replace only with part number specified

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité
Ne les remplacer que par une pièce portant le numéro spécifié

D

REF. NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
R1511	1-214-671-11	METAL 3 9	1% 1/4W	R1803	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1512	1-215-912-11	METAL OXIDE 150	5% 3W F	R1804	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R1513	1-214-671-11	METAL 3 9	1% 1/4W	R1805	1-216-069-00	METAL GLAZE 6 8K	5% 1/10W
R1514	1-216-632-11	METAL CHIP 160	0 50% 1/10W	R1806	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R1515	1-216-639-11	METAL CHIP 330	0 50% 1/10W	R1807	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R1516	1-214-671-11	METAL 3 9	1% 1/4W	R1808	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1517	1-216-647-11	METAL CHIP 680	0 50% 1/10W	R1809	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R1518	1-216-665-11	METAL CHIP 3.9K	0.50% 1/10W	R1810	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1519 Δ	1-249-385-91	CARBON 2.2	5% 1/4W F	R1811	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R1520 Δ	1-249-385-91	CARBON 2.2	5% 1/4W F	R1812	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1521	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R1813	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R1522	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R1814	1-216-699-11	METAL CHIP 100K	0 50% 1/10W
R1523	1-216-033-00	METAL GLAZE 220	5% 1/10W	R1815	1-216-697-91	METAL CHIP 82K	0 50% 1/10W
R1551	1-216-081-00	METAL GLAZE 22K	5% 1/10W	R1816	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1552	1-216-063-91	METAL GLAZE 3 9K	5% 1/10W	R1817	1-216-033-00	METAL GLAZE 220	5% 1/10W
R1553	1-216-077-00	METAL GLAZE 15K	5% 1/10W	R1818	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1554	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R1819	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1559	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R1820	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1562	1-216-025-91	METAL GLAZE 100	5% 1/10W	R1821	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1603	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1823	1-208-811-11	METAL CHIP 16K	0 50% 1/10W
R1604	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1824	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1605	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1825	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1606	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1826	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1607	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1827	1-216-685-11	METAL CHIP 27K	0.50% 1/10W
R1608	1-216-663-11	METAL CHIP 3 3K	0 50% 1/10W	R1828	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1610	1-214-729-00	METAL 1K	1% 1/4W	R1829	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1612	1-214-729-00	METAL 1K	1% 1/4W	R1830	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1613	1-214-673-00	METAL 4.7	1% 1/4W	R1831	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1615	1-214-673-00	METAL 4.7	1% 1/4W	R1832	1-216-677-11	METAL CHIP 12K	0 50% 1/10W
R1616	1-214-673-00	METAL 4.7	1% 1/4W	R1833	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1618	1-214-673-00	METAL 4.7	1% 1/4W	R1834	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1619	1-214-673-00	METAL 4.7	1% 1/4W	R1835	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1620	1-214-673-00	METAL 4.7	1% 1/4W	R1836	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R1621	1-214-673-00	METAL 4.7	1% 1/4W	R1837	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1622	1-214-673-00	METAL 4.7	1% 1/4W	R1838	1-216-667-11	METAL CHIP 4 7K	0 50% 1/10W
R1623	1-214-729-00	METAL 1K	1% 1/4W	R1839	1-216-031-00	METAL GLAZE 180	5% 1/10W
R1624	1-214-729-00	METAL 1K	1% 1/4W	R1840	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1625	1-214-673-00	METAL 4.7	1% 1/4W	R1841	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1626	1-214-673-00	METAL 4.7	1% 1/4W	R1842	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1627	1-214-673-00	METAL 4.7	1% 1/4W	R1843	1-216-667-11	METAL CHIP 4 7K	0 50% 1/10W
R1628	1-214-673-00	METAL 4.7	1% 1/4W	R1844	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1629	1-214-673-00	METAL 4.7	1% 1/4W	R1845	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R1630	1-214-673-00	METAL 4.7	1% 1/4W	R1846	1-216-125-00	METAL GLAZE 1 5M	5% 1/10W
R1631	1-214-729-00	METAL 1K	1% 1/4W	R1847	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1632	1-214-673-00	METAL 4.7	1% 1/4W	R1848	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R1633	1-214-673-00	METAL 4.7	1% 1/4W	R1849	1-216-067-00	METAL GLAZE 5 6K	5% 1/10W
R1634	1-214-729-00	METAL 1K	1% 1/4W	R1850	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1635	1-214-673-00	METAL 4.7	1% 1/4W	R1851	1-216-043-91	METAL GLAZE 560	5% 1/10W
R1636	1-214-673-00	METAL 4.7	1% 1/4W	R1852	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1637	1-214-673-00	METAL 4.7	1% 1/4W	R1853	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R1638	1-214-673-00	METAL 4.7	1% 1/4W	R1854	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1639	1-214-673-00	METAL 4.7	1% 1/4W	R1855	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1640	1-214-673-00	METAL 4.7	1% 1/4W	R1856	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1641	1-214-673-00	METAL 4.7	1% 1/4W	R1857	1-216-033-00	METAL GLAZE 220	5% 1/10W
R1642	1-214-673-00	METAL 4.7	1% 1/4W	R1858	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1717	1-216-033-00	METAL GLAZE 220	5% 1/10W	R1859	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1721	1-216-033-00	METAL GLAZE 220	5% 1/10W	R1860	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1737	1-216-033-00	METAL GLAZE 220	5% 1/10W	R1861	1-216-473-11	METAL OXIDE 56	5% 3W F
R1740	1-216-025-91	METAL GLAZE 100	5% 1/10W	R1862	1-216-473-11	METAL OXIDE 56	5% 3W F
R1748	1-216-033-00	METAL GLAZE 220	5% 1/10W	R1863	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1749	1-216-295-91	CONDUCTOR, CHIP		R1864	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1751	1-216-081-00	METAL GLAZE 22K	5% 1/10W	R1865	1-216-473-11	METAL OXIDE 56	5% 3W F
R1752	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R1866	1-216-473-11	METAL OXIDE 56	5% 3W F
R1753	1-216-295-91	CONDUCTOR, CHIP		R1868	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1760	1-216-295-91	CONDUCTOR, CHIP		R1869	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1788	1-208-806-11	METAL CHIP 10K	0 50% 1/10W	R1870	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1801	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R1871	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1802	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R1872	1-216-685-11	METAL CHIP 27K	0 50% 1/10W



Les composants identifiés par
une trame et une marque Δ
sont critiques pour la sécurité
Ne les remplacer que par une
pièce portant le numéro spécifié

The componants identified by
shading and mark Δ are critical
for safety.
Replace only with part number
specified

REF NO	PART NO	DESCRIPTION	REMARK
R1873	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1874	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1875	1-208-824-11	METAL CHIP 56K	0.50% 1/10W
R1876	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1877	1-208-810-11	METAL CHIP 15K	0 50% 1/10W
R1878	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R1879	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1880	1-218-768-11	METAL CHIP 470K	0 50% 1/10W
R1881	1-216-295-91	CONDUCTOR, CHIP	
R1883	1-216-677-11	METAL CHIP 12K	0 50% 1/10W
R1884	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R1885	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1886	1-216-031-00	METAL GLAZE 180	5% 1/10W
R1887	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1888	1-216-667-11	METAL CHIP 4 7K	0 50% 1/10W
R1889	1-216-667-11	METAL CHIP 4.7K	0 50% 1/10W
R1890	1-216-125-00	METAL GLAZE 1 5M	5% 1/10W
R1891	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1892	1-216-061-00	METAL GLAZE 3 3K	5% 1/10W
R1893	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1894	Δ 1-249-389-91	CARBON 4.7	5% 1/4W F
R1895	1-216-043-91	METAL GLAZE 560	5% 1/10W
R1896	Δ 1-249-389-91	CARBON 4.7	5% 1/4W F
R1897	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1898	1-216-057-00	METAL GLAZE 2 2K	5% 1/10W
R1899	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1900	1-216-033-00	METAL GLAZE 220	5% 1/10W
R1901	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1902	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1903	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1904	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1905	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1907	1-208-810-11	METAL CHIP 15K	0 50% 1/10W
R1908	1-208-814-11	METAL CHIP 22K	0 50% 1/10W
R1909	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1910	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1911	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1912	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1913	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1914	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1915	1-216-685-11	METAL CHIP 27K	0 50% 1/10W
R1916	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1917	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R1918	1-216-667-11	METAL CHIP 4 7K	0.50% 1/10W
R1919	1-208-822-11	METAL CHIP 47K	0 50% 1/10W
R1920	1-216-667-11	METAL CHIP 4 7K	0 50% 1/10W
R1923	1-216-677-11	METAL CHIP 12K	0 50% 1/10W
R1925	1-216-031-00	METAL GLAZE 180	5% 1/10W
R1926	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1927	1-216-125-00	METAL GLAZE 1 5M	5% 1/10W
R1928	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1931	1-216-698-11	METAL CHIP 91K	0 50% 1/10W
R1935	1-218-766-11	METAL CHIP 390K	0 50% 1/10W
R1937	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1938	1-208-810-11	METAL CHIP 15K	0 50% 1/10W
R1940	1-208-812-11	METAL CHIP 18K	0 50% 1/10W
R1941	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1942	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1943	1-216-699-11	METAL CHIP 100K	0 50% 1/10W
R1944	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R1947	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1948	1-216-093-00	METAL GLAZE 68K	5% 1/10W
R1949	1-216-659-11	METAL CHIP 2 2K	0 50% 1/10W
R1950	1-216-659-11	METAL CHIP 2 2K	0 50% 1/10W
R1951	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1952	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1954	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1955	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1956	1-208-800-11	METAL CHIP 5 6K	0.50% 1/10W

REF NO	PART NO	DESCRIPTION	REMARK
R1957	1-208-824-11	METAL CHIP 56K	0.50% 1/10W
R1958	1-208-800-11	METAL CHIP 5.6K	0.50% 1/10W
R1959	1-208-824-11	METAL CHIP 56K	0 50% 1/10W
R1960	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R1961	1-208-806-11	METAL CHIP 10K	0 50% 1/10W
R1962	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R1963	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1964	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1965	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1966	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1967	1-216-071-00	METAL GLAZE 8 2K	5% 1/10W
R1970	1-208-774-11	METAL CHIP 470	0 50% 1/10W
R1971	1-216-667-11	METAL CHIP 4 7K	0 50% 1/10W
R1972	1-216-111-91	METAL GLAZE 390K	5% 1/10W
R1981	1-216-473-11	METAL OXIDE 56	5% 3W F
R1982	1-216-473-11	METAL OXIDE 56	5% 3W F
R1983	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R1984	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R1985	1-216-025-91	METAL GLAZE 100	5% 1/10W
<THERMISTOR>			
TH1501	1-807-925-11	THERMISTOR	
TH1801	1-808-269-11	THERMISTOR	
<CRYSTAL>			
X1701	1-579-917-11	VIBRATOR, CRYSTAL	

* A-1372-099-A HA BOARD, COMPLETE			

<CAPACITOR>			
C1301	1-126-964-11	ELECT 10MF	20% 50V
C1304	1-126-964-11	ELECT 10MF	20% 50V
<CONNECTOR>			
CN1346	1-564-524-11	PLUG, CONNECTOR 9P	
CN1347	* 1-564-521-11	PLUG, CONNECTOR 6P	
<DIODE>			
D1304	8-719-053-43	DIODE SLR-325VCT31	
D1305	8-719-053-43	DIODE SLR-325VCT31	
<IC>			
IC1301	8-741-780-51	IC SBX1780-51	
<JACK>			
J1301	1-750-517-11	JACK BLOCK, PIN 3P	
<RESISTOR>			
R1302	1-249-416-11	CARBON 820	5% 1/4W
R1303	1-249-417-11	CARBON 1K	5% 1/4W
R1304	1-249-425-11	CARBON 4 7K	5% 1/4W
R1305	1-249-411-11	CARBON 330	5% 1/4W
R1306	1-249-411-11	CARBON 330	5% 1/4W
R1307	1-249-420-11	CARBON 1 8K	5% 1/4W
R1308	1-247-895-91	CARBON 470K	5% 1/4W

HA U

REF. NO.	PART NO.	DESCRIPTION	REMARK
R1309	1-247-895-91	CARBON 470K 5%	1/4W
R1310	1-249-429-11	CARBON 10K 5%	1/4W
R1311	1-247-815-91	CARBON 220 5%	1/4W
R1312	1-247-804-11	CARBON 75 5%	1/4W
R1314	1-247-807-31	CARBON 100 5%	1/4W
<SWITCH>			
S1301	1-571-731-11	SWITCH, TACTIL	
S1302	1-571-731-11	SWITCH, TACTIL	
S1303	1-571-731-11	SWITCH, TACTIL	
S1304	1-571-731-11	SWITCH, TACTIL	
S1305	1-571-731-11	SWITCH, TACTIL	
S1306	1-571-731-11	SWITCH, TACTIL	
S1307	1-571-731-11	SWITCH, TACTIL	

* A-1373-511-A U BOARD, COMPLETE (KP-46S17/53S17)			

* A-1373-562-A U BOARD, COMPLETE			

(KP-41T25/46S25/53S25)			
<CAPACITOR>			
C1101	1-126-965-11	ELECT 22MF 20%	50V
C1102	1-124-903-11	ELECT 1MF 20%	50V
C1103	1-124-903-11	ELECT 1MF 20%	50V
C1104	1-163-031-11	CERAMIC CHIP 0 01MF	50V
C1105	1-126-965-11	ELECT 22MF 20%	50V
C1106	1-126-965-11	ELECT 22MF 20%	50V
C1107	1-124-903-11	ELECT 1MF 20%	50V
C1108	1-124-903-11	ELECT 1MF 20%	50V
C1109	1-126-965-11	ELECT 22MF 20%	50V
C1110	1-124-903-11	ELECT 1MF 20%	50V
C1111	1-124-903-11	ELECT 1MF 20%	50V
C1121	1-126-935-11	ELECT 470MF 20%	16V
C1122	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C1123	1-124-903-11	ELECT 1MF 20%	50V
C1124	1-126-965-11	ELECT 22MF 20%	50V
C1125	1-124-903-11	ELECT 1MF 20%	50V
C1126	1-104-665-11	ELECT 100MF 20%	25V
C1127	1-104-663-11	ELECT 33MF 20%	25V
C1128	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C1129	1-126-965-11	ELECT 22MF 20%	50V
(KP-41T25/46S25/53S25)			
C1130	1-109-889-11	ELECT 1MF 20%	50V
(KP-41T25/46S25/53S25)			
C1131	1-109-889-11	ELECT 1MF 20%	50V
(KP-41T25/46S25/53S25)			
C1132	1-124-902-00	ELECT 0 47MF 20%	50V
C1133	1-126-965-11	ELECT 22MF 20%	50V
C1134	1-104-665-11	ELECT 100MF 20%	25V
C1136	1-126-965-11	ELECT 22MF 20%	50V
C1137	1-164-232-11	CERAMIC CHIP 0 01MF 10%	50V
C1138	1-124-902-00	ELECT 0 47MF 20%	50V
C1139	1-126-964-11	ELECT 10MF 20%	50V
C1145	1-126-934-11	ELECT 220MF 20%	16V
C1146	1-124-902-00	ELECT 0 47MF 20%	50V
C1147	1-124-902-00	ELECT 0 47MF 20%	50V
C1148	1-124-902-00	ELECT 0 47MF 20%	50V
C1149	1-124-902-00	ELECT 0 47MF 20%	50V
C1150	1-126-934-11	ELECT 220MF 20%	16V
C1151	1-126-934-11	ELECT 220MF 20%	16V
C1152	1-126-934-11	ELECT 220MF 20%	16V
C1153	1-104-665-11	ELECT 100MF 20%	25V

REF NO	PART NO	DESCRIPTION	REMARK
<CHIP CONDUCTOR>			
CJ1101	1-216-295-91	CONDUCTOR, CHIP	
<FILTER BLOCK>			
CM1101	1-473-595-11	COMB FILTER BLOCK	
<CONNECTOR>			
CN1147	* 1-564-509-11	PLUG, CONNECTOR 6P	
CN1150	1-573-300-21	CONNECTOR, BOARD TO BOARD 18P	
CN1155	* 1-565-928-11	CONNECTOR (TUB) 30P	
CN1156	* 1-566-641-11	CONNECTOR, HINGE (TAB) 18P	
<DIODE>			
D1101	8-719-110-17	DIODE RD10ESB2	
D1102	8-719-110-17	DIODE RD10ESB2	
D1103	8-719-110-17	DIODE RD10ESB2	
D1104	8-719-110-17	DIODE RD10ESB2	
D1105	8-719-110-17	DIODE RD10ESB2	
D1106	8-719-110-17	DIODE RD10ESB2	
D1107	8-719-110-17	DIODE RD10ESB2	
D1108	8-719-110-17	DIODE RD10ESB2	
D1109	8-719-110-17	DIODE RD10ESB2	
D1111	8-719-110-17	DIODE RD10ESB2	
D1112	8-719-110-17	DIODE RD10ESB2	
D1113	8-719-110-17	DIODE RD10ESB2	
D1114	8-719-110-17	DIODE RD10ESB2	
D1115	8-719-110-17	DIODE RD10ESB2	
D1120	8-719-110-17	DIODE RD10ESB2	
D1121	8-719-921-86	DIODE MTZJ-13	
D1122	8-719-921-86	DIODE MTZJ-13	
D1123	8-719-921-86	DIODE MTZJ-13	
D1124	8-719-921-86	DIODE MTZJ-13	
D1125	8-719-109-84	DIODE RD5 1ESB1	
D1126	8-719-110-17	DIODE RD10ESB2	
D1127	8-719-110-17	DIODE RD10ESB2	
D1135	8-719-991-33	DIODE 1SS133T-77	
<IC>			
IC1101	8-752-068-46	IC CXA1855S	
IC1102	8-759-701-59	IC NJM78M09FA	
IC1102	8-759-701-59	IC NJM78M09FA	
<JACK>			
J1101	1-750-515-11	TERMINAL BLOCK, S 3P	
J1102	1-750-517-11	JACK BLOCK, PIN 3P	
J1104	1-750-517-11	JACK BLOCK, PIN 3P	
J1105	1-750-516-11	JACK BLOCK, PIN 2P	
J1106	1-563-760-11	JACK, MINIATUER (DIA 3 5)	
J1107	1-563-760-11	JACK, MINIATUER (DIA 3 5)	
<COIL>			
L1101	1-410-476-11	INDUCTOR 33UH	
L1104	1-410-473-11	INDUCTOR 18UH	
L1105	1-410-494-11	INDUCTOR 1mH	
<TRANSISTOR>			
Q1102	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1103	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1104	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1105	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1106	8-729-216-22	TRANSISTOR 2SA1162-G	

U | ZR

REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
Q1107	8-729-422-27	TRANSISTOR 2SD601A-Q	(KP-41T25/46S25/53S25)	R1169	1-216-025-91	METAL GLAZE 100	5% 1/10W
Q1108	8-729-422-27	TRANSISTOR 2SD601A-Q		R1170	1-216-041-00	METAL GLAZE 470	5% 1/10W
Q1109	8-729-216-22	TRANSISTOR 2SA1162-G		R1171	1-216-041-00	METAL GLAZE 470	5% 1/10W
Q1110	8-729-216-22	TRANSISTOR 2SA1162-G					
Q1111	8-729-216-22	TRANSISTOR 2SA1162-G					
Q1112	8-729-422-27	TRANSISTOR 2SD601A-Q		R1172	1-216-025-91	METAL GLAZE 100	5% 1/10W
Q1113	8-729-422-27	TRANSISTOR 2SD601A-Q		R1173	1-216-025-91	METAL GLAZE 100	5% 1/10W
Q1114	8-729-422-27	TRANSISTOR 2SD601A-Q		R1174	1-216-041-00	METAL GLAZE 470	5% 1/10W
Q1115	8-729-422-27	TRANSISTOR 2SD601A-Q		R1175	1-216-025-91	METAL GLAZE 100	5% 1/10W
		<RESISTOR>		R1176	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1101	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1178	1-216-041-00	METAL GLAZE 470	5% 1/10W
R1102	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1179	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1103	1-247-804-11	CARBON 75	5% 1/4W	R1180	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1104	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1181	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1105	1-247-804-11	CARBON 75	5% 1/4W	R1182	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R1106	1-247-804-11	CARBON 75	5% 1/4W	R1183	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1107	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R1184	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R1108	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1185	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R1109	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R1186	1-216-061-00	METAL GLAZE 3 3K	5% 1/10W
R1110	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1187	1-216-061-00	METAL GLAZE 3 3K	5% 1/10W
R1111	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1188	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1112	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	R1190	1-216-295-91	CONDUCTOR, CHIP	
R1113	1-247-804-11	CARBON 75	5% 1/4W	R1191	1-216-295-91	CONDUCTOR, CHIP	
R1114	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R1192	1-216-295-91	CONDUCTOR, CHIP	
R1115	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R1193	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1116	1-216-095-00	METAL GLAZE 82K	5% 1/10W	R1194	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1117	1-216-095-00	METAL GLAZE 82K	5% 1/10W	R1195	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1118	1-216-095-00	METAL GLAZE 82K	5% 1/10W				(KP-41T25/46S25/53S25)
R1119	1-216-025-91	METAL GLAZE 100	5% 1/10W	R1196	1-216-041-00	METAL GLAZE 470	5% 1/10W
R1120	1-216-025-91	METAL GLAZE 100	5% 1/10W	R1197	1-216-041-00	METAL GLAZE 470	5% 1/10W

R1127	1-216-041-00	METAL GLAZE 470	5% 1/10W	* A-1390-487-A ZR BOARD, COMPLETE (KP-41T25)			
R1129	1-216-041-00	METAL GLAZE 470	5% 1/10W	*****			
R1130	1-216-067-00	METAL GLAZE 5 6K	5% 1/10W	* A-1390-513-A ZR BOARD, COMPLETE			
R1132	1-216-025-91	METAL GLAZE 100	5% 1/10W	*****			
R1133	1-216-067-00	METAL GLAZE 5 6K	5% 1/10W	(KP-46S17/46S25/53S17/53S25)			
R1134	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	4-382-854-11 SCREW (M3X10), P, SW (+)			
R1135	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W				
			(KP-41T25/46S25/53S25)				
R1137	1-216-025-91	METAL GLAZE 100	5% 1/10W	<CAPACITOR>			
			(KP-41T25/46S25/53S25)				
R1138	1-216-065-00	METAL GLAZE 4 7K	5% 1/10W	C1403	1-102-978-00	CERAMIC 220PF	5% 50V (KP-41T25)
			(KP-41T25/46S25/53S25)	C1404	1-107-638-11	ELECT 33MF	20% 160V (KP-41T25)
R1140	1-216-025-91	METAL GLAZE 100	5% 1/10W				
R1141	1-216-041-00	METAL GLAZE 470	5% 1/10W	C1405	1-104-665-11	ELECT 100MF	20% 25V (KP-41T25)
R1142	1-216-025-91	METAL GLAZE 100	5% 1/10W				
R1145	1-216-051-00	METAL GLAZE 1 2K	5% 1/10W	C1406	1-107-370-11	FILM 0 1MF	10% 200V (KP-41T25)
R1146	1-216-051-00	METAL GLAZE 1 2K	5% 1/10W				
R1149	1-216-041-00	METAL GLAZE 470	5% 1/10W	C1407	1-104-665-11	ELECT 100MF	20% 25V (KP-41T25)
R1150	1-216-025-91	METAL GLAZE 100	5% 1/10W				
R1151	1-216-025-91	METAL GLAZE 100	5% 1/10W	C1408	1-107-362-11	FILM 0 0047MF	10% 200V (KP-41T25)
R1152	1-216-043-91	METAL GLAZE 560	5% 1/10W				
R1153	1-216-049-91	METAL GLAZE 1K	5% 1/10W	C1409	1-107-667-11	ELECT 2 2MF	20% 160V (KP-41T25)
R1154	1-216-041-00	METAL GLAZE 470	5% 1/10W				
R1155	1-216-049-91	METAL GLAZE 1K	5% 1/10W	C1410	1-107-362-11	FILM 0 0047MF	10% 200V (KP-41T25)
R1156	1-216-043-91	METAL GLAZE 560	5% 1/10W				
R1157	1-216-045-00	METAL GLAZE 680	5% 1/10W	C1411	1-137-364-11	FILM 0 001MF	5% 50V (KP-41T25)
R1158	1-216-043-91	METAL GLAZE 560	5% 1/10W				
			(KP-41T25/46S25/53S25)	C1412	1-137-364-11	FILM 0 001MF	5% 50V (KP-41T25)
R1159	1-216-045-00	METAL GLAZE 680	5% 1/10W				
			(KP-41T25/46S25/53S25)	C1413	1-161-830-00	CERAMIC 0 0047MF	500V (KP-41T25)
R1160	1-216-049-91	METAL GLAZE 1K	5% 1/10W				
R1161	1-216-041-00	METAL GLAZE 470	5% 1/10W	C1414	1-104-661-91	ELECT 330MF	20% 16V (KP-41T25)
R1162	1-216-041-00	METAL GLAZE 470	5% 1/10W				
R1165	1-249-403-11	CARBON 68	5% 1/4W	C1415	1-102-947-00	CERAMIC 10PF	0 5PF 50V (KP-41T25)
R1166	1-216-113-00	METAL GLAZE 470K	5% 1/10W				
				C1416	1-102-973-00	CERAMIC 100PF	5% 50V (KP-41T25)
R1167	1-216-113-00	METAL GLAZE 470K	5% 1/10W				
R1168	1-216-113-00	METAL GLAZE 470K	5% 1/10W				

The components identified by shading and mark Δ are critical for safety.
 Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
 Ne les remplacer que par une pièce portant le numéro spécifié

ZR ZG ZB

REF NO	PART NO.	DESCRIPTION	REMARK
<CONNECTOR>			
CN1411	* 1-580-689-11	PIN, CONNECTOR (PC BOARD) 4P	
CN1412	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1413	* 1-564-506-11	PLUG, CONNECTOR 3P	
CN1414	* 1-564-509-11	PLUG, CONNECTOR 6P (KP-41T25)	
CN1415	* 1-564-506-11	PLUG, CONNECTOR 3P (KP-46S17/46S25/53S17/53S25)	
CN1415	* 1-564-510-11	PLUG, CONNECTOR 7P (KP-41T25)	
CN1416	1-695-915-11	TAB (CONTACT) (KP-41T25)	
<DIODE>			
D1401	8-719-921-86	DIODE MTZJ-13 (KP-41T25)	
D1402	8-719-921-86	DIODE MTZJ-13 (KP-41T25)	
<TRANSISTOR>			
Q1401	8-729-017-06	TRANSISTOR 2SC4793 (KP-41T25)	
Q1402	8-729-017-05	TRANSISTOR 2SA1837 (KP-41T25)	
Q1403	8-729-140-96	TRANSISTOR 2SD774-34 (KP-41T25)	
<RESISTOR>			
R1401	1-249-414-11	CARBON 560 5% 1/4W	
R1402	1-249-414-11	CARBON 560 5% 1/4W	
R1405	1-249-417-11	CARBON 1K 5% 1/4W (KP-41T25)	
R1406	1-216-479-11	METAL OXIDE 560 5% 3W F (KP-41T25)	
R1407	1-249-400-11	CARBON 39 5% 1/4W F (KP-41T25)	
R1408	1-249-384-11	CARBON 18 5% 1/4W F (KP-41T25)	
R1409	1-249-384-11	CARBON 18 5% 1/4W F (KP-41T25)	
R1410	1-247-734-11	CARBON 39 5% 1/2W F (KP-41T25)	
R1411	1-249-417-11	CARBON 1K 5% 1/4W F (KP-41T25)	
R1412	1-249-414-11	CARBON 560 5% 1/4W (KP-41T25)	
R1413	1-249-432-11	CARBON 18K 5% 1/4W (KP-41T25)	
R1414	1-249-432-11	CARBON 18K 5% 1/4W (KP-41T25)	
R1415	1-249-414-11	CARBON 560 5% 1/4W F (KP-41T25)	
R1416	1-216-451-11	METAL OXIDE 120 5% 2W F (KP-41T25)	
R1417	1-216-475-11	METAL OXIDE 120 5% 3W F	
R1418	1-249-377-11	CARBON 0.47 5% 1/4W F (KP-41T25)	
R1419	1-247-815-91	CARBON 220 5% 1/4W (KP-41T25)	
R1420	1-216-475-11	METAL OXIDE 120 5% 3W F	
R1421	1-249-417-11	CARBON 1K 5% 1/4W (KP-41T25)	

* A-1390-489-A ZG BOARD, COMPLETE (KP-41T25) *****			
* A-1390-512-A ZG BOARD, COMPLETE ***** (KP-46S17/46S25/53S17/53S25)			
<CAPACITOR>			
C1433	1-102-973-00	CERAMIC 100PF 5% 50V (KP-41T25)	

REF NO	PART NO	DESCRIPTION	REMARK
<CONNECTOR>			
CN1441	* 1-580-689-11	PIN, CONNECTOR (PC BOARD) 4P	
CN1442	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1443	* 1-564-506-11	PLUG, CONNECTOR 3P	
CN1445	* 1-564-506-11	PLUG, CONNECTOR 3P (KP-46S17/46S25/53S17/53S25)	
CN1445	* 1-564-510-11	PLUG, CONNECTOR 7P (KP-41T25)	
<RESISTOR>			
R1431	1-249-414-11	CARBON 560 5% 1/4W	
R1432	1-249-414-11	CARBON 560 5% 1/4W	
R1435	1-216-475-11	METAL OXIDE 120 5% 3W F	
R1436	1-216-475-11	METAL OXIDE 120 5% 3W F	
R1437	1-249-417-11	CARBON 1K 5% 1/4W (KP-41T25)	

* A-1390-491-A ZB BOARD, COMPLETE *****			
<CONNECTOR>			
CN1471	* 1-580-689-11	PIN, CONNECTOR (PC BOARD) 4P	
CN1472	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1473	* 1-564-506-11	PLUG, CONNECTOR 3P	
<RESISTOR>			
R1461	1-249-414-11	CARBON 560 5% 1/4W	
R1462	1-249-414-11	CARBON 560 5% 1/4W	
R1465	1-216-475-11	METAL OXIDE 120 5% 3W F	
R1466	1-216-475-11	METAL OXIDE 120 5% 3W F	

MISCELLANEOUS *****			
Δ 1-223-925-21 RESISTOR ASSY (HIGH-VOLTAGE)			
1-417-178-11 SELECTOR, ANTENNA (AS-2) (KP-46S17/46S25/53S17/53S25)			
1-504-785-11 SPEAKER (10CM)			
1-556-945-21 CABLE, P-P			
1-557-056-41 CABLE, P-P			
1-561-306-00 JACK, PIN (F) (KP-46S17/53S17)			
Δ 1-769-837-11 CORD, POWER (WITH NOISE FILTER) (7.0A/125V)			
Δ 1-900-211-34 LEAD ASSY, HV			
Δ 8-451-463-11 DEFLECTION YOKE (Y829PA2N)			
Δ 8-451-463-21 DEFLECTION YOKE (Y829PA2N2)			
Δ 8-598-955-00 BLOCK ASSY, HIGH-VOLTAGE			
Δ 8-736-075-05 PICTURE TUBE 07MAC2(G)			
Δ 8-736-076-15 PICTURE TUBE 07MAC2 (B) (KP-41T25/46S17/46S25)			
Δ 8-736-076-25 PICTURE TUBE 07MAC3(B) (KP-53S17/53S25)			
Δ 8-736-077-15 PICTURE TUBE 07MAC2 (R) (KP-41T25/46S17/46S25)			
Δ 8-736-077-25 PICTURE TUBE 07MAC3(R) (KP-53S17/53S25)			

REF. NO	PART NO.	DESCRIPTION	REMARK
	ACCESSORIES AND PACKING MATERIALS *****		
	3-701-627-00	BAG, POLYETHYLENE	
	3-856-232-11	MANUAL, INSTRUCTION (KP-46S25/53S25)	
	3-856-233-11	MANUAL, INSTRUCTION (KP-41T25/46S17/53S17)	
	3-856-233-21	MANUAL, INSTRUCTION (Canadian model)	
	* 4-037-674-01	BOARD, TOP (KP-46S17/46S25)	
	* 4-041-423-01	SHEET, PROTECTION (KP-41T25/46S17/46S25)	
	* 4-041-425-01	BAG, PROTECTION (KP-46S17/46S25)	
	* 4-041-426-01	BAG, PROTECTION (KP-53S17/53S25)	
	* 4-042-463-01	SHEET, PROTECTION (KP-53S17/53S25)	
	* 4-047-774-01	PLATE, TOP (KP-53S17/53S25)	
	* 4-047-775-01	PLATE, BOTTOM (KP-53S17/53S25)	
	* 4-047-776-01	TRAY (KP-53S17/53S25)	
	* 4-047-777-01	INDIVIDUAL CARTON (KP-53S17/53S25)	
	* 4-047-778-01	CUSHION (UPPER) (ASSY) (KP-53S17/53S25)	
	* 4-047-779-01	CUSHION (LOWER) (ASSY) (KP-53S17/53S25)	
	* 4-048-101-01	INDIVIDUAL CARTON (KP-46S17/46S25)	
	* 4-048-102-01	TRAY (KP-46S17/46S25)	
	* 4-048-103-01	BOARD, BOTTOM (KP-46S17/46S25)	
	* 4-048-104-01	CUSHION (UPPER) (ASSY) (KP-46S17/46S25)	

REF NO	PART NO	DESCRIPTION	REMARK
	* 4-048-105-01	CUSHION (LOWER) (ASSY) (KP-46S17/46S25)	
	* 4-048-579-01	CUSHION (UPPER) (ASSY) (KP-41T25)	
	* 4-048-580-01	CUSHION (LOWER) (ASSY) (KP-41T25)	
	* 4-048-581-01	TRAY (KP-41T25)	
	* 4-048-582-01	INDIVIDUAL CARTON (KP-41T25)	
	* 4-049-155-01	BAG, PROTECTION (KP-41T25)	
	4-050-330-01	LID, SPEAKER GRILLE (KP-46S17/46S25/53S17/53S25)	
	* 4-051-491-01	BLOCK, FOAM (KP-53S17/53S25)	
	REMOTE COMMANDER *****		
	1-467-059-21	REMOTE COMMANDER (RM-Y118) (KP-46S25/53S25)	
	9-903-826-01	POCKET, COVER (FOR RM-Y118) (KP-46S25/53S25)	
	1-467-621-11	REMOTE COMMANDER (RM-Y121) (KP-41T25/46S17/53S17)	
	9-903-826-01	POCKET, COVER (FOR RM-Y121) (KP-41T25/46S17/53S17)	